

Faucets

**FINISHED
BRASS**

<h2>KITCHEN</h2> <p><i>American Standard</i></p>	<p>Colony Soft</p>  <ul style="list-style-type: none"> ▪ Metal Lever Handle ▪ Cast Brass Spout ▪ With Spray Through Escutcheon <table border="1"> <thead> <tr> <th>Model No.</th> <th>Finish</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>With Spray</td> <td>CH</td> <td>1414165</td> <td>112.55</td> </tr> <tr> <td>Less Spray</td> <td>CH</td> <td>1414170</td> <td>95.94</td> </tr> </tbody> </table>	Model No.	Finish	Prod. No.	List Price	With Spray	CH	1414165	112.55	Less Spray	CH	1414170	95.94	<p>Lakeland</p>  <ul style="list-style-type: none"> ▪ Metal Lever Handle ▪ Spout: 10-1/2" Long ▪ Color matched hand spray <table border="1"> <thead> <tr> <th>Model No.</th> <th>Finish</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>With Spray</td> <td>CH</td> <td>1400815</td> <td>255.23</td> </tr> <tr> <td>Less Spray</td> <td>SS</td> <td>1400820</td> <td>306.48</td> </tr> </tbody> </table>	Model No.	Finish	Prod. No.	List Price	With Spray	CH	1400815	255.23	Less Spray	SS	1400820	306.48	<p>Reliant +</p>  <ul style="list-style-type: none"> ▪ 3/8" O.D. Copper Inlets ▪ 8 1/8" Tubular Spout ▪ Lever Handle <table border="1"> <thead> <tr> <th>Model No.</th> <th>Finish</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>With Spray</td> <td>CH</td> <td>1402720</td> <td>173.23</td> </tr> </tbody> </table>	Model No.	Finish	Prod. No.	List Price	With Spray	CH	1402720	173.23																								
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<p>Town Square</p>  <p>Pressure Balance</p> <ul style="list-style-type: none"> • Metal Wall Escutcheon • Metal Lever Handle • 4-1/2" Rain Showerhead <table border="1"> <thead> <tr> <th>Model No.</th> <th>Finish</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td colspan="4">Valve Body Only</td></tr> <tr> <td>R110</td> <td></td> <td>1414090</td> <td>72.88</td> </tr> <tr> <td colspan="4">Shower Only Trim Kit</td></tr> <tr> <td>T555.501-002</td> <td>CH</td> <td>1404111</td> <td>221.40</td> </tr> <tr> <td>T555.501-295</td> <td>SN</td> <td>1404112</td> <td>333.13</td> </tr> <tr> <td colspan="4">Tub & Shower Trim Kit</td></tr> <tr> <td>T555.502-002</td> <td>CH</td> <td>1404113</td> <td>289.05</td> </tr> <tr> <td>T555.502-295</td> <td>SN</td> <td>1404114</td> <td>433.58</td> </tr> </tbody> </table>	Model No.	Finish	Prod. No.	List Price	Valve Body Only				R110		1414090	72.88	Shower Only Trim Kit				T555.501-002	CH	1404111	221.40	T555.501-295	SN	1404112	333.13	Tub & Shower Trim Kit				T555.502-002	CH	1404113	289.05	T555.502-295	SN	1404114	433.58	<p>ROMAN TUB</p>  <p><i>American Standard</i></p>	<p>Colony Soft</p>  <ul style="list-style-type: none"> • 8-1/2" Cast Brass Tub Spout • Metal Lever Handles • 1/2" Sweat Inlets <table border="1"> <thead> <tr> <th>Model No.</th> <th>Finish</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td colspan="4">Valve Body Only</td></tr> <tr> <td>R800</td> <td></td> <td>1414145</td> <td>111.62</td> </tr> <tr> <td colspan="4">Trim Kit Only</td></tr> <tr> <td>T975.500-002</td> <td>CH</td> <td>1414147</td> <td>212.18</td> </tr> <tr> <td>T975.500-295</td> <td>SN</td> <td>1410040</td> <td>297.05</td> </tr> </tbody> </table>	Model No.	Finish	Prod. No.	List Price	Valve Body Only				R800		1414145	111.62	Trim Kit Only				T975.500-002	CH	1414147	212.18	T975.500-295	SN	1410040	297.05	<p>Capitol is your "One Call Source"</p> 																																																																																
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BRAZES
FINISHED

Faucets, Parts & Accessories

LAUNDRY

American Standard



- Aerator w/2.5 GPM/9.5 L/min. max. flow
- 1/2" male threaded inlets w/clpg nuts
- Metal knob handles

Model No. Finish Prod. No. List Price
7573.240-002 CH 1403095 61.36

COMMERCIAL SERVICE SINK

American Standard

Heritage



- Lever Handles
- With Vacuum Breaker
- Bucket Hook
- 1/2" NPT Female Inlets on 8" Center
- Threaded Hose End
- 3" Spout

Model No. Finish Prod. No. List Price
8340.243 CH 1403135 141.14

PARTS & ACCESSORIES

American Standard



72940-0700



72950-1700

BATHROOM ACCESSORIES

American Standard

Prairie Field

Compliments Hampton & Colony Soft



Chrome & Chrome/Brass

Model No.	Prod. No.	List Price
8040.180-228	1404097	76.88
8040.240-228	1404099	77.90
8040.190-228	1404102	51.25
8040.210-228	1404104	28.70
8040.230-228	1404106	64.58

Satin Nickel & Satin Nickel/Chrome Mixage

Model No.	Prod. No.	List Price
8040.180-234	1404098	98.40
8040.240-234	1404101	100.45
8040.190-234	1404103	63.55
8040.210-234	1404105	35.88
8040.230-234	1404107	79.95

Town Square



Chrome

Model No.	Prod. No.	List Price
2555.018-002	1404115	120.95
2555.024-002	1404117	132.23
2555.021-002	1404119	103.53
2555.041-002	1404122	73.80
2555.061-002	1404124	116.85

Satin Nickel

Model No.	Prod. No.	List Price
2555.018-295	1404116	126.08
2555.024-295	1404118	142.48
2555.021-295	1404121	110.70
2555.041-295	1404123	78.93
2555.061-295	1404126	124.03

Faucets

KITCHEN



Delta's Less Handle Program (LHP)

There are hundreds of combinations that can be created through the Less Handle Program by mixing and matching faucets and handles.

Benefits:

- Increase style selection
- Lowers inventory investment

Results:

- Increased Sales
- Increased inventory turns
- Increased profitability



Classic Styling



- 3-Hole Installation
- 6" or 8" Centers
- 8" Long Spout
- Lever Handle
- 3/8" OD Inlets

Model No. Finish Prod. No. List Price
100 CH 4400030 99.45

FINISHED
BASICS

Classic Styling



- 4-Hole Installation
- 6" or 8" Centers
- 8" Long Spout
- Lever Handle
- White Spray
- Sprayer mounts on right or left
- 3/8" OD Inlets (400)

Model No. Finish Prod. No. List Price
400 CH 4400065 126.15
400-WF CH 4400066 129.70

Classic Styling



- 2-Hole Installation
- 8" Long Spout
- Lever Handle
- White Spray
- Sprayer mounts on right or left
- 3/8" OD Inlets

Model No. Finish Prod. No. List Price
175 CH 4400040 137.25

Signature Series



- 4-Hole Installation
- 8" Centers
- Lever Handle
- 9-1/16" Long Spout
- Matching finish spray
- Spray mounts on right or left
- 1/2" IPS Inlets

Model No. Finish Prod. No. List Price
440-DST CH 4405086 149.90

Victorian Collection



- 4-Hole Installation
- Widespread
- Lever Handle
- 9" High, 9" Long
- Matching finish spray/dispenser
- Spray mounts on right or left
- 1/2" IPS Inlets

Model No. Finish Prod. No. List Price
156-WF S CH 4402002 368.45
156-SSWF S SS 4402003 497.40

Waterfall Series



- 3-Hole Installation
- Widespread
- Lever Handle
- 10-7/8" High, 9-1/2" Long
- Matching finish spray
- Spray mounts on right or left
- 1/2" IPS Inlets

Model No. Finish Prod. No. List Price
172-WF CH 4400035 271.15
172-SSWF SS 4404216 366.10

Waterfall Series



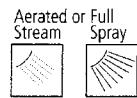
- 4-Hole Installation
- Widespread
- Lever Handle
- 10-7/8" High, 9-1/2" Long
- Matching finish spray/dispenser
- 1/2" IPS Inlets

Model No. Finish Prod. No. List Price
174-WF CH 4400037 302.40
174-SSWF SS 4400039 431.20

Allora Series – Pull-Out Spray



- 1-Hole Installation
- 15-9/16" High, 9-7/8" Long
- Lever Handle
- 59" Long Hose
- 3/8" Compression Fittings



Model No. Finish Prod. No. List Price
989-SS-DST SS 4401005 499.40

Leland – Pull-Out Spray



- 3-Hole 6" - 16" Installation
- Lever Handle
- 14-1/4" High, 9-1/8" Long
- 59" Long Hose
- Matching Dispenser



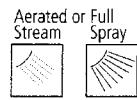
Aerated or Full Stream Spray

Model No. Finish Prod. No. List Price
978-SD-DST CH 4401020 296.10

Pilar – Pull-Out Spray



- 3-Hole 6" - 16" Installation
- Lever Handle
- 13-7/8" High, 10-5/8" Long
- 54" Long Hose
- Matching Dispenser



Model No. Finish Prod. No. List Price
980T-SSSD-DST SS 4401000 695.00

S – Special Order - Call for lead time

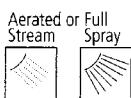
Prices & Specifications subject to change without notice.

Faucets

KITCHEN



Signature Series – Pull-Out Spray



- Single or 3-Hole Installation
- 8" High, 9" Long
- Lever Handle
- 59" Long Hose
- 1/2" IPS Inlets

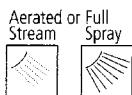
Model No. Finish Prod. No. List Price
470-DST CH 4400071 262.75
470-SS-DST SS 4404119 367.80

CH.... Chrome
NN... Pearl Nickel
PB.... Polished Brass
PT Aged Pewter
RB.... Venetian Bronze
SS.... Brilliance Stainless
WH .. White
LHP.. Less Handle Program
WF....With 1/2" IPS Inlets

Victorian Series – Pull-Out Spray

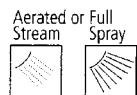


- 2-Hole 4" Installation
- 14-1/4" High, 9-1/8" Long
- Lever Handle
- 59" Long Hose
- 3/8" Compression Fittings



Model No. Finish Prod. No. List Price
955-RB-DST RB 4401010 439.85

Waterfall Series – Pull-Out Spray



- 3-Hole 6" - 16" Installation
- Lever Handle
- 10-3/4" High, 9" Long
- Widespread w/dispenser
- Flexible mounting arrangement
- 59" Long Hose
- 1/2" IPS Connection

Model No. Finish Prod. No. List Price
474 CH 4400075 340.35
474-SS SS 4400077 476.55

Classic Styling



- 3-Hole Installation
- 8" Centers
- Blade Handles
- 5-7/16" High, 9" Long
- 1/2" IPS Shanks



Model No. Finish Prod. No. List Price
2100 CH 4400330 75.90

Classic Styling



- 4-Hole Installation
- 8" Centers
- Blade Handles
- 5-7/16" High, 9" Long
- White spray
- Spray mounts on right or left
- 1/2" IPS Shanks



Model No. Finish Prod. No. List Price
2400 CH 4400370 97.00

Classic Styling



- 3-Hole Installation
- 8" Centers
- Clear Knob Handles
- 5-7/16" High, 9" Long
- 1/2" IPS Shanks



Model No. Finish Prod. No. List Price
2102 CH 4400335 75.90

Classic Styling



- 4-Hole Installation
- 8" Centers
- Clear Knob Handles
- 5-7/16" High, 9" Long
- White spray
- Spray mounts on right or left
- 1/2" IPS Shanks



Model No. Finish Prod. No. List Price
2402 CH 4400375 97.00

Waterfall Series



Model No. Finish Prod. No. List Price
With Clear Knob Handles
2176 S CH 4404231 150.50

Less Handles
2176-LHP CH 4404232 142.50

Waterfall Series



Model No. Finish Prod. No. List Price
2476-LHP CH 4400386 176.60

Waterfall Series



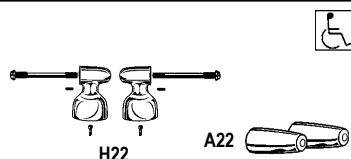
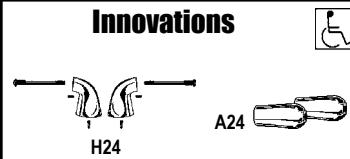
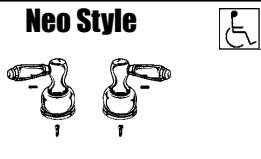
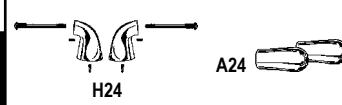
Model No. Finish Prod. No. List Price
2274-LHP CH 4404233 245.15

Waterfall Series



Model No. Finish Prod. No. List Price
2276-LHP CH 4404224 279.30

Faucets

 <h2>KITCHEN FAUCET HANDLE OPTIONS</h2>			Innovations 	Neo Style 
<p>Model No. Finish Prod. No. List Price H21 CH 4402300 12.50</p>		<p>Model No. Finish Prod. No. List Price Handle Base H22 CH 4405026 33.00</p> <p>Insert A22 CH 4403260 16.65 Must order handle bases and accents</p>	<p>Model No. Finish Prod. No. List Price Handle Base H24 CH 4406500 33.65 H24PB PB 4406510 65.25</p> <p>Insert A24 CH 4406600 17.80 A24PB PB 4406610 30.25 Must order handle bases and accents</p>	<p>Model No. Finish Prod. No. List Price H25 CH 4403020 52.40</p>
<h2>BAR/PREP</h2>		Classic Styling <ul style="list-style-type: none"> ▪ 2 or 3-Hole Installation ▪ 4" Centers ▪ 10-3/4" High, 4-1/16" Long ▪ Clear Knob Handles ▪ 1/2" IPS shanks 	Classic Styling <ul style="list-style-type: none"> ▪ 2 or 3-Hole Installation ▪ 4" Centers ▪ 10-3/4" High, 4-1/16" Long ▪ 1/4 turn handle stops ▪ 1/2" IPS shanks ▪ Handles not included 	Waterfall Series <ul style="list-style-type: none"> ▪ 2-Hole Installation ▪ Requires 1-1/2" minimum holes ▪ 9" High, 5" Long ▪ Lever Handle ▪ 1/2" IPS inlets 
		<p>Model No. Finish Prod. No. List Price 2170 CH 4400350 120.35</p>	<p>Model No. Finish Prod. No. List Price 2172-LHP CH 4400353 114.65</p>	<p>Model No. Finish Prod. No. List Price 190 S CH 4404201 148.70 190-SS S SS 4409000 204.75 190-WH S WH 4404206 185.85</p>
Waterfall Series <ul style="list-style-type: none"> ▪ 2 or 3-Hole Installation ▪ 4" Centers ▪ 9-1/2" High, 5" Long ▪ 1/4 turn handle stops ▪ 1/2" IPS inlets ▪ Handles not included 		Victorian Collection <ul style="list-style-type: none"> ▪ 2 or 3-Hole Installation ▪ 4" Centers ▪ 8-3/4" High, 5-1/8" Long ▪ 1/4 turn handle stops ▪ 1/2" IPS shanks ▪ Handles not included 	<p>DELTA FAUCET COMPANY</p> <h2>BAR/PREP FAUCET HANDLE OPTIONS</h2> 	Innovations 
<p>Model No. Finish Prod. No. List Price 2190-LHP S CH 4404208 121.50</p>		<p>Model No. Finish Prod. No. List Price 2155-LHP S CH 4404121 153.90 2155-RBLHP S RB 4404122 226.40 2155-SSLHP S SS 4404124 221.95</p>	<p>Model No. Finish Prod. No. List Price H21 CH 4402300 12.50</p>	<p>Model No. Finish Prod. No. List Price Handle Base H24 CH 4406500 33.65 H24PB PB 4406510 65.25</p> <p>Insert A24 CH 4406600 17.80 A24PB PB 4406610 30.25 Must order handle bases and accents</p>
Neo Style 		LAVATORY	Classic Styling <ul style="list-style-type: none"> ▪ 2 or 3-Hole Installation ▪ 4" Centerset ▪ No Lift Rod Hole ▪ Lever Handle ▪ 3/8" OD Inlets 	Classic Styling <ul style="list-style-type: none"> ▪ 3-Hole Installation ▪ 4" Centerset ▪ Metal Pop-up ▪ Lever Handle 
Victorian 			<p>Model No. Finish Prod. No. List Price 501 CH 4400070 102.45</p>	<p>Model No. Finish Prod. No. List Price 3/8" OD Inlets 520-MPU CH 4400085 123.40 1/2" IPS 520-WFMPU CH 4400090 128.00</p>

S – Special Order - Call for lead time

Prices & Specifications subject to change without notice.

Faucets

LAVATORY



FINISHED
BRASS

CH.... Chrome
NN... Pearl Nickel
PB.... Polished Brass
PT.... Aged Pewter
RB.... Venetian Bronze
SS.... Brilliance Stainless
WH .. White
LHP.. Less Handle Program
WF....With 1/2" IPS Inlets

Classic Styling

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Clear Knob Handle
- 3/8" OD Inlets



Innovations Series

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Lever Handle
- 1/2" IPS Inlets



Model No. Finish Prod. No. List Price
522-MPU/DST CH 4400105 131.80

Model No. Finish Prod. No. List Price
540-MPU/DST CH 4406200 182.85

Innovations Series

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Lever Handle
- 1/2" IPS Inlets



Model No. Finish Prod. No. List Price
544-MPU-DST CH 4406230 191.60

Classic Styling

- 2 or 3-Hole Installation
- 4" Centerset
- Lift rod hole w/removable cap
- Blade Handles
- 1/2" IPS Shanks



Model No. Finish Prod. No. List Price
2500 CH 4400380 68.30

Classic Styling

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Blade Handles
- 1/2" IPS Shanks



Model No. Finish Prod. No. List Price
2520-MPU CH 4400390 97.10

Classic Styling

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Clear Knob Handles
- 1/2" IPS Shanks



Model No. Finish Prod. No. List Price
2522-MPU CH 4400420 97.10

Classic Styling

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- Handles not included



Model No. Finish Prod. No. List Price
2521-LHP CH 4400416 93.60

Dryden Series

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Connection



Model No. Finish Prod. No. List Price
2551-RB RB 4407000 292.45
2551-SS SS 4407015 272.95

Innovations Series

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- Handles not included



Model No. Finish Prod. No. List Price
2530-LHP CH 4406000 131.60
2530-NNLHP NN 4406005 226.95

Innovations Series

- 3-Hole Installation
- 4" Mini-widespread
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- Handles not included



Model No. Finish Prod. No. List Price
4530-LHP CH 4406090 184.05

Innovations Series

- 3-Hole Installation
- 6" - 16" Center Widespread
- Metal Pop-up
- 1/4 turn handle stops
- Scalloped handle bases
- 1/2" IPS Inlets
- Handles not included



Model No. Finish Prod. No. List Price
3530-LHP CH 4406060 225.45
3530-NNLHP NN 4406075 383.25

Lahara Series

- 3-Hole Installation
- 4" Centerset
- Metal Lever Handles
- 50/50 Pop-up
- 1/4 turn handle stops
- 1/2" IPS Connection



Model No. Finish Prod. No. List Price
2538-RB RB 4407105 197.35
2538-SS SS 4407100 184.20

Leland Series

- 3-Hole Installation
- 4" Centerset
- Metal Lever Handles
- 50/50 Pop-up
- 1/4 turn handle stops
- 1/2" IPS Connection



Model No. Finish Prod. No. List Price
2575 CH 4408059 131.55

Leland Series

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- Handles not included



Model No. Finish Prod. No. List Price
2578-LHP CH 4408060 86.75
2578-SSLHP SS 4408065 121.40
2578-RBLHP RB 4408061 130.10

LAVATORY



Leland Series

- 3-Hole Installation
- 6" - 16" Center Widespread
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Inlets
- Handles not included



Model No. Finish Prod. No. List Price
3578-LHP CH 4408050 175.55
3578-SSLHP SS 4408055 245.80

Lockwood Collection

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- Handles not included



Model No. Finish Prod. No. List Price
2540-LHP CH 4408032 120.45
2540-PTLHP PT 4408033 180.70
2540-SSLHP SS 4408034 168.65

Lockwood Collection

- 3-Hole Installation
- 4" Mini-widespread
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- Handles not included



Model No. Finish Prod. No. List Price
4540-LHP CH 4408039 177.80
4540-PTLHP PT 4408041 266.65
4540-SSLHP SS 4408042 248.90

FINISHED

Lockwood Collection

- 3-Hole Installation
- 6" - 16" Center Widespread
- Metal Pop-up
- 1/4 turn handle stops
- Scalloped handle bases
- 1/2" IPS Shanks
- Handles not included



Model No. Finish Prod. No. List Price
3540-LHP CH 4408036 212.20
3540-SSLHP SS 4408038 297.05

Victorian Collection

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- Handles not included



Model No. Finish Prod. No. List Price
2555-LHP CH 4404149 140.40
2555-RBLHP RB 4404158 203.60
2555-SSLHP SS 4404160 196.80

Victorian Collection

- 3-Hole Installation
- 4" Mini-widespread
- Metal Pop-up
- 1/4 turn handle stops
- Non-removable lift rod
- Handles not included



Model No. Finish Prod. No. List Price
4555-LHP CH 4404176 190.75
4555-SSLHP SS 4404182 267.05

Victorian Collection

- 3-Hole Installation
- 6" - 16" Center Widespread
- Metal Pop-up
- 1/4 turn handle stops
- Non-removable lift rod
- 1/2" IPS Inlets
- Handles not included



Model No. Finish Prod. No. List Price
3555-LHP CH 4404164 230.90
3555-RBLHP RB 4404172 334.80
3555-SSLHP SS 4404174 323.25



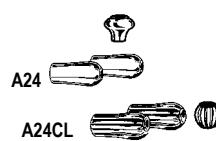
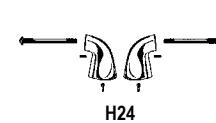
LAVATORY FAUCET HANDLE OPTIONS



Model No. Finish Prod. No. List Price
H21 CH 4402300 12.50

Model No. Finish Prod. No. List Price
Handle Base H22 CH 4405026 33.00
Insert A22 CH 4403260 16.65
Must order handle bases and accents

Innovations



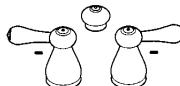
Must order handle bases and accents

Neo Style



Model No. Finish Prod. No. List Price
H25 CH 4403020 52.40

Leland



Model No. Finish Prod. No. List Price
H278 CH 4408070 39.80
H278SS SS 4408075 55.70
H278RB RB 4408080 59.65

Lockwood



Model No. Finish Prod. No. List Price
H240 CH 4409520 47.60
H240SS SS 4409522 66.60

Victorian



Model No. Finish Prod. No. List Price
H216 CH 4409500 53.15
H216NN NN 4409503 90.35
H216RB RB 4409508 79.70
H216SS SS 4409509 77.30

Faucets

SHOWER & TUB/SHOWER



FINISHED
BRASS

Shower trim only
 • Clear knob handle
 • Touch-Clean showerhead
 Rough-in only
 • 1/2" universal inlets/outlets
 • Male threads

Tub/Shower trim only
 • Clear knob handle
 • Touch-Clean showerhead
 • 5-1/2" pull-up tub spout
 Rough-in only
 • 1/2" universal inlets/outlets

Tub/Shower trim only
 • Clear knob handle
 • Touch-Clean showerhead
 • 6" pull-down tub spout
 Rough-in only
 • 1/2" universal inlets/outlets

Model No.	Finish	Prod. No.	List Price	Model No.	Finish	Prod. No.	List Price	Model No.	Finish	Prod. No.	List Price
Trim Only				Trim Only				Trim Only			
T13222	CH	4400236	73.05	T13422	CH	4400239	92.10	T13422-PD	CH	4400250	92.10
Rough-In Only		4400682	45.85	Rough-In Only		4400682	45.85	Rough-In Only		4400682	45.85
R10000-UNBXT				R10000-UNBXT				R10000-UNBXT			

Monitor 13 Series – Classic Styling

Shower trim only
 • Metal lever handle
 • Touch-Clean showerhead
 Rough-in only
 • 1/2" universal inlets/outlets

Tub/Shower trim only
 • Metal lever handle
 • Touch-Clean showerhead
 • 5-1/2" pull-up tub spout
 Rough-in only
 • 1/2" universal inlets/outlets

Tub/Shower trim only
 • Metal lever handle
 • Touch-Clean showerhead
 • 6" pull-down tub spout
 Rough-in only
 • 1/2" universal inlets/outlets

Model No.	Finish	Prod. No.	List Price
Trim Only			
T13220	CH	4400262	73.75
Rough-In Only		4400682	45.85
R10000-UNBXT			

Model No.	Finish	Prod. No.	List Price
Trim Only			
T13420	CH	4400260	92.10

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T13420-PD	CH	4400264	92.10

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85
R10000-UNBXT			

CH.... Chrome
 NN.... Pearl Nickel
 PB.... Polished Brass
 PT.... Aged Pewter
 RB.... Venetian Bronze
 SS.... Brilliance Stainless
 WH.. White

LHP.. Less Handle Program
 WF....With 1/2" IPS Inlets

Monitor 14 Series – Dryden Series

Shower trim only
 • Touch-Clean raincan showerhead
 • Single-function pressure balance cartridge
 • Metal lever handle
 Rough-in only
 • 1/2" universal inlets/outlets

Tub/Shower trim only
 • Touch-Clean raincan showerhead
 • Single-function pressure balance cartridge
 • Metal lever handle
 • 7-1/2" pull-up tub spout
 Rough-in only
 • 1/2" universal inlets/outlets

Shower trim only
 • Touch-Clean 3 function showerhead
 • Dual-spray function
 • Handle not included
 Rough-in only
 • 1/2" universal inlets/outlets

Tub/Shower trim only
 • Touch-Clean 3 function showerhead
 • Dual-spray function
 • 6" pull-down tub spout
 • Handle not included
 Rough-in only
 • 1/2" universal inlets/outlets

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14251-RB	RB	4407005	253.05
T14251-SS	SS	4407020	237.25

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14451-RB	RB	4407010	301.15

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14451-SS	SS	4407025	282.30

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14230-LHP	CH	4408100	110.00
T14230-NNLHP	NN	4400246	203.40

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Monitor 14 Series – Lahara Series

Shower trim only
 • Touch-Clean showerhead
 • Metal Lever Handle
 Rough-in only
 • 1/2" universal inlets/outlets

Tub/Shower trim only
 • Touch-Clean showerhead
 • 6-3/4" pull-up tub spout
 • Metal Lever Handle
 Rough-in only
 • 1/2" universal inlets/outlets

Shower trim only
 • Touch-Clean showerhead
 • Handle not included
 Rough-in only
 • 1/2" universal inlets/outlets

Tub/Shower trim only
 • Touch-Clean showerhead
 • 5-1/2" pull-up tub spout
 • Handle not included
 Rough-in only
 • 1/2" universal inlets/outlets

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14238-RB	RB	4407115	161.70
T14238-SS	SS	4407110	151.60

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14438-RB	RB	4407125	201.70

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14438-SS	SS	4407120	189.10

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Monitor 14 Series – Leland Series

Shower trim only
 • Touch-Clean showerhead
 • Metal Lever Handle
 Rough-in only
 • 1/2" universal inlets/outlets

Tub/Shower trim only
 • Touch-Clean showerhead
 • 6-3/4" pull-up tub spout
 • Metal Lever Handle
 Rough-in only
 • 1/2" universal inlets/outlets

Shower trim only
 • Touch-Clean showerhead
 • Handle not included
 Rough-in only
 • 1/2" universal inlets/outlets

Tub/Shower trim only
 • Touch-Clean showerhead
 • 5-1/2" pull-up tub spout
 • Handle not included
 Rough-in only
 • 1/2" universal inlets/outlets

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14278-LHP	CH	4408150	71.05

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14478-SSLHP	SS	4408155	106.55

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14278-RBLHP	RB	4408160	113.65

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
Rough-In Only		4400682	45.85

Faucets

SHOWER & TUB/SHOWER



Monitor 17 Series – Innovations Collection

Shower trim only
 • Touch-Clean 3 function showerhead
 • Dual-spray function
 • Metal lever handle
 Rough-in only
 • 1/2" universal inlets/outlets



Tub/shower trim only
 • Touch-Clean 3 function showerhead
 • Dual-spray function
 • 6" pull-down tub spout
 • Metal lever handle
 Rough-in only
 • 1/2" universal inlets/outlets



Model No.	Finish	Prod. No.	List Price
Trim Only			
T17230	CH	4400302	163.25

Model No.	Finish	Prod. No.	List Price
Rough-In Only			
R10000-UNBXT		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T17430	CH	4400312	179.20

Model No.	Finish	Prod. No.	List Price
Rough-In Only			
R10000-UNBXT		4400682	45.85

Innovations



Model No.	Finish	Prod. No.	List Price
Handle Base			
H74	CH	4406550	27.30
H74NN	NN	4406565	49.10
Insert			
A74	CH	4406680	10.20
A74NN	NN	4406695	18.30
Must order handle bases and accents			

Leland



Model No.	Finish	Prod. No.	List Price
H778	CH	4408040	32.50
H778SS	SS	4408045	53.15
H778RB	RB	4408002	51.95

Neo Style



Model No.	Finish	Prod. No.	List Price
H75	CH	4403250	34.70

ROMAN TUB



Innovations Collection

- 3-hole installation
- 2-5/8" diameter scalloped handle bases
- 7-1/8" long rigid slip-on spout
- Spout is 4-5/8" high
- 2-5/8" from deck to spout outlet
- Handles not included



Model No.	Finish	Prod. No.	List Price
Trim Only			
T2730-LHP	CH	4406031	150.25
T2730-NNLHP	NN	4406036	293.65

Model No.	Finish	Prod. No.	List Price
Rough-In Only			
R2707		4403395	106.45

Leland Series

- 3-hole installation
- 2-5/8" diameter scalloped handle bases
- 7-1/8" long rigid slip-on spout
- Spout is 5" high
- 3-3/16" from deck to spout outlet
- Handles not included

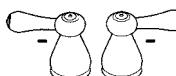


Model No.	Finish	Prod. No.	List Price
Trim Only			
T2778-LHP	CH	4408001	144.35
T2778-SSLHP	SS	4408006	246.15
T2778-RBLHP	RB	4408003	230.95

Model No.	Finish	Prod. No.	List Price
Rough-In Only			
R2707		4403395	106.45

ROMAN TUB FAUCET HANDLE OPTIONS

Leland



Model No.	Finish	Prod. No.	List Price
H678	CH	4408010	64.15
H678SS	SS	4408015	96.25
H678RB	RB	4408011	102.65

Innovations



Model No.	Finish	Prod. No.	List Price
Handle Base			
H64	CH	4406520	53.80
H64NN	NN	4406535	91.45

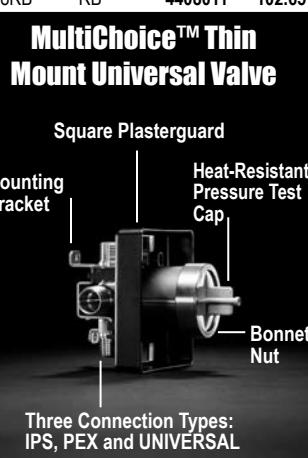
Insert	Finish	Prod. No.	List Price
A64	CH	4406630	19.95
A64NN	NN	4406645	33.85

Must order handle bases and accents

ROUGH-IN VALVES



Model No.	Prod. No.	List Price
Multichoice Thin Mount Universal Valve		
R10000-UNBXT	4400682	45.85
Multichoice Universal Valve w/Stops		
R10000-UNWS	4400683	59.95
Cartridge f/Multichoice Valve		
RP46074	4402415	54.95
Rough-In F/Roman Tub		
R2707	4403395	106.45
Rough-In F/Roman Tub w/Hand Shower		
R4707	4402108	235.85



- CH.... Chrome
- NN... Pearl Nickel
- PB.... Polished Brass
- PT Aged Pewter
- RB.... Venetian Bronze
- SS.... Brilliance Stainless
- WH .. White
- LHP.. Less Handle Program
- WF....With 1/2" IPS Inlets

Faucets & Parts

LAUNDRY



Laundry



- 2 or 3-hole installation
- 4" Centerset
- 5-5/8" long, 6-1/2" high spout
- Spout has hose thread
- Blade handles
- 1/2" IPS shank



Model No. Finish Prod. No. List Price
2131 CH 4400341 63.25

Laundry



- 2 or 3-hole installation
- 4" Centerset
- 5-5/8" long, 6-1/2" high spout
- Spout has stream straightener
- Blade handles
- 1/2" IPS shanks



Model No. Finish Prod. No. List Price
2133 CH 4400346 63.25

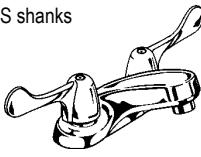
COMMERCIAL



HDF Series



- 2-Hole Installation
- 4" centerset
- No lift rod hole
- 3-7/16" long spout
- VR wrist blade handles
- 1/2" IPS shanks

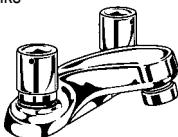


Model No. Finish Prod. No. List Price
2529-LGHDF CH 4400418 127.55

HDF Series



- 2 or 3-Hole Installation
- 4" centerset
- No lift rod hole
- 3-7/16" long spout
- Vandal resistant handles
- Metering, slow-close push style
- 1/2" IPS shanks

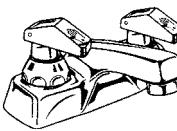


Model No. Finish Prod. No. List Price
2507-HDF CH 4400500 190.50

Teck Series

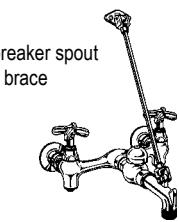


- 2-Hole Installation
- 4" centerset
- No lift rod hole
- Cast brass body
- Vandal resistant ADA handles
- Metering, slow-close lever style



Model No. Finish Prod. No. List Price
86T1153 CH 4410100 228.50

Teck Series



Model No. Finish Prod. No. List Price
28T9 CH 4410200 155.95

TRACT-PACK FAUCETS

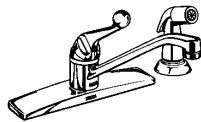
Sold individually.



Kitchen Faucet Single-Handle



- 4-Hole Installation
- 6" or 8" Centers
- 8" Long Spout
- Lever Handle
- 1/2" IPS Adapters



Model No. Finish Prod. No. List Price
400-WFTP CH 4400630 127.15

Lavatory Faucet Single-Handle



- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Lever Handle



Model No. Finish Prod. No. List Price
W/ 1/2" IPS Adapters
520-WFTPM CH 4400680 125.45

**Capitol
is your
"One Call
Source"**



FAUCET PARTS & ACCESSORIES



Mini Bulk Pack

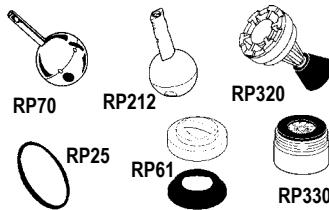


RP1806

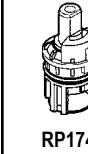


RP3427

Model No. Prod. No. List Price
RP1806MBS-Seat (24).....4402325 15.60
RP212MBS-Ball Assy (6)....4402046 30.30
RP70MBS-Ball Assy (6)....4402021 31.50
RP1740MBS-Stem (6)....4402106 28.50
RP3427MBS-Spring (24)..4402326 10.80



Model No. Prod. No. List Price
RP25-O-Rings (2).....4402005 5.05
RP50-Cap Assembly....4402010 14.45
RP61-Cam Assembly...4402015 3.80
RP70-Ball Assembly4402020 12.30
RP212-Ball Assembly ..4402045 11.35
RP320-Diverter4402055 5.35
RP330-Aerator.....4402060 6.85



RP1740

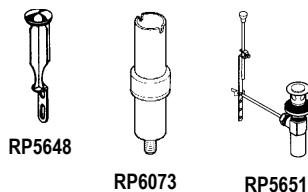


RP1991

Model No. Prod. No. List Price
RP1740-Stem Unit.....4402105 9.90
RP1991-Stem Unit.....4402110 27.70
RP2055-O-Rings4402115 5.40
RP3614-Repair Kit.....4402172 9.70
Seats & Springs Kit (48)
RP4039.....4402185 54.20
RP4993-Seats & Springs..4402220 4.15

Faucets & Parts

FAUCET PARTS & ACCESSORIES



Model No.	Prod. No.	List Price
RP5648-P/U Drain Stop	4402245	9.15
RP5649-Divertor Asmb..	4402255	22.35
RP5651-P/U Drain Asmb..	4402270	48.30
RP5653-10" CP Spt.....	4402285	43.35
RP5834-Divertor Spt.....	4402315	28.15
RP6073-Divertor Asmb..	4402500	17.45
RP6399-Stem Asmb	4403310	37.75



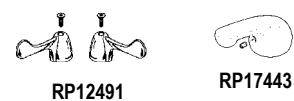
Model No.	Prod. No.	List Price
RP12630-Esc. Screws	4402801	6.70
RP17453-Divertor Spt... .	4402310	29.85
RP18627-Extender	4402802	3.70
Cartridge Assy -1300/1400		
RP19804.....	4405000	57.70
Cover-up Esc.		
RP29827.....	4402071	28.05
Swivel Aerator		
RP2189.....	4402120	20.10
Quick-Snap Vegetable Spray Cap		
RP40301.....	4402295	6.90

Liquid Dispenser



Model No.	Prod. No.	List Price
RP1001CH	4402100	39.70
RP1001WH.....	4402102	49.60

FINISHED
BASICS



Model No.	Prod. No.	List Price
Fits All Two Handle		
RP12491.....	4402350	58.65
Blade Handle		
RP6119 – T/S	4402510	4.30
Lever Handle		
RP17443 – Lav	4403750	15.40

KITCHEN

ELKAY

Allure



- Overall Height: 12-1/4"
- Spout Height: 9-1/4" from deck to aerator
- Spout Reach: 9"
- Pull-Out Faucet

Ferrara



- Overall Height: 7-7/8"
- Spout Height: 5" from deck to aerator
- Spout Reach: 9-1/2"
- Pull-Out Faucet

Allure



- Overall Height: 14-1/4"
- Spout Height: 10" from deck to aerator
- Spout Reach: 9"
- With Side Spray

Moda



- Overall Height: 15"
- Spout Height: 8-5/16" from deck to aerator
- Spout Reach: 7-5/8"
- Pull-Down Faucet

Arezzo		
▪ Overall Height: 18-1/16"		
▪ Spout Height: 5-5/8" from deck to aerator		
▪ Spout Reach: 6-5/8"		

Arezzo		
▪ Overall Height: 8-5/8"		
▪ Spout Height: 5-3/4" from deck to aerator		
▪ Spout Reach: 7-7/8"		

Ferrara



- Overall Height: 7-7/8"
- Spout Height: 5" from deck to aerator
- Spout Reach: 9-1/2"
- Pull-Out Faucet

Moda



- Overall Height: 15"
- Spout Height: 8-5/16" from deck to aerator
- Spout Reach: 7-5/8"
- Pull-Down Faucet

Model No.	Finish	Prod. No.	List Price
LK7420CR	CH	7004020	456.64
LK7420NK	BN	7004025	638.46

Model No.	Finish	Prod. No.	List Price
LK7226CR	CH	7004005	325.46
LK7226NK	BN	7004000	454.15

Model No.	Finish	Prod. No.	List Price
LK7620CR	CH	7004010	398.52
LK7620NK	BN	7004015	556.27

Model No.	Finish	Prod. No.	List Price
LK7322CR	CH	7004035	391.05
LK7322NK	BN	7004030	547.97

Soap Dispensers



- LK313
- Overall Height: 2-15/16"
- Spout Reach: 2-15/16"
- LK333
- Overall Height: 2-3/4"
- Spout Reach: 3-1/4"

BAR/PREP		
ELKAY		

Allure		
▪ Overall Height: 10-1/8"		
▪ Spout Height: 9" from deck to aerator		
▪ Spout Reach: 6"		

ACCESSORIES

ELKAY

Model No.	Finish	Prod. No.	List Price
LK6510CR	CH	7004070	167.71
LK6510NK	BN	7004075	229.15

Model No.	Finish	Prod. No.	List Price
LK313NK	BN	7004060	137.82
LK333CR	CH	7004045	117.90
LK333NK	BN	7004040	130.35

Faucets

KITCHEN



FINISHED
BRASS

Classic Elegance Euro



- Lever handle
- 8" center
- Washerless cartridge
- With spray

Model No. Finish Prod. No. List Price
FT-210SEL CH 4650005 60.97

Portia



- Lever handle
- High rise spout
- Ceramic disc cartridge
- With spray

Model No. Finish Prod. No. List Price
AE-955ORB ORB 46500025 222.84

Portia



- Lever handle
- 8" center
- Washerless cartridge
- Goose neck spout with spray

Model No. Finish Prod. No. List Price
AE-925 CH 4650010 78.80
AE-925S BN 4650015 102.20

BAR/PREP



Portia



- Lever handle
- 10" high arc spout
- Ceramic cartridge

Model No. Finish Prod. No. List Price
AE-956S BN 4650030 175.14
AE-956ORB ORB 4650035 195.49

LAVATORY



Classic Elegance Euro



- Lever handle
- 4" center
- Washerless cartridge

Model No. Finish Prod. No. List Price
Less Pop-up CT-400SEL CH 4650055 45.90
With Brass Pop-up CT-452SEL CH 4650050 57.49
CT-452SELS BN 4650060 76.19

Portia



- Lever handles
- 4" center
- Washerless cartridge
- With brass pop-up

Model No. Finish Prod. No. List Price
AE-865S BN 4650040 97.54
AE-865ORB ORB 4650045 119.64

KITCHEN



Camerist



- 2 or 4 hole application
- Hydrolock quick connection installation
- Solid lever handle
- 10" spout reach
- 8-7/8" spout height
- W/Protégé side spray

Model No. Finish Prod. No. List Price
With Spray 7840SL SL 4901710 248.15
7840ORB ORB 4901715 266.25

Chateau



- 4-hole installation
- 9-1/2" spout reach
- Lever handle
- W/Protégé side spray
- 1/2" IPS connections

Model No. Finish Prod. No. List Price
Less Spray - 4" Supplies 7425 CH 4901680 105.10
With Spray - 4" Supplies 67430 CH 4901688 131.15
With Spray - 16" Supplies 67433 CH 4901703 138.40

Monticello



- 3-hole installation
- 12" high cathedral spout
- 10" spout reach
- Lever handle
- W/Protégé side spray
- Hydrolock quick connection installation

Model No. Finish Prod. No. List Price
7730 CH 4901580 279.65
7730SL SL 4901725 390.50

Faucets

KITCHEN



Camerist Pull-Out Spray



- 1 or 3 hole application
- Hydrolock quick connection installation
- Solid lever handle
- 9" spout reach
- 10-3/4" spout height
- 68" whisper quiet fiber hose
- Aerated, rinse & veggie spray functions

Model No. Finish Prod. No. List Price
7545SL SL 4901700 383.40
7545ORB ORB 4901705 402.55

Colonnade Pull-Out Spray



- Lever handle
- 8" spout reach
- 9-3/8" spout height
- 1 or 3 hole application
- Hydrolock quick connection installation
- 68" whisper quiet fiber hose
- Aerated rinse & spray functions

Model No. Finish Prod. No. List Price
7575CSL CSL 4901720 383.40

Dispensers



- Top lifts off for easy refill
- 16 oz. refillable bottle
- 1-1/8" diameter shank

Model No. Finish Prod. No. List Price
3942SL SL 4901730 90.00
3942CSL CSL 4901740 90.00
3944ORB ORB 4901735 94.50

LAVATORY



Chateau



- 4" centerset
- Knob handle
- Metal drain assembly
- 1/2" IPS connections

Model No. Finish Prod. No. List Price
64620 CH 4901686 124.50

Chateau



- 4" centerset
- Lever handle
- 1/2" IPS connections

Model No. Finish Prod. No. List Price
L4601 CH 4900780 106.80

Chateau



- 4" centerset
- Lever handle
- Metal drain assembly
- 1/2" IPS connections



Model No. Finish Prod. No. List Price
L64620 CH 4901706 124.50

Monticello



- Metal drain assembly
- 1/2" IPS connections
- 4" centerset
- Lever handle



Model No. Finish Prod. No. List Price
4557BN BN 4901000 284.05

Villetta



- 4" centerset
- Metal drain assembly
- Lever handle
- 1/2" IPS connections



Model No. Finish Prod. No. List Price
L4721 CH 4901801 157.40

Brantford



- High arc spout
- Metal drain assembly
- 1/2" IPS connections
- 4" centerset
- Lever handles



Model No. Finish Prod. No. List Price
6610BN BN 4907000 176.15
6610ORB ORB 4907005 193.75

Brantford



- High arc spout
- Drain assembly
- Fits M-PACT system
- Widespread
- Lever handles



Model No. Finish Prod. No. List Price

Trim Only T6620BN BN 4907010 196.25
T6620ORB ORB 4907015 215.90

Rough-in Valve 69000 4903155 85.60

Eva



- High arc spout
- Metal drain assembly
- 1/2" IPS connections
- 4" centerset
- Lever handle



Model No. Finish Prod. No. List Price
6410BN BN 4906000 176.15
6410ORB ORB 4906005 193.75

Eva



- High arc spout
- Drain assembly
- Fits M-PACT system
- Widespread
- Lever handle



Model No. Finish Prod. No. List Price

Trim Only T6420BN BN 4906010 196.25
T6420ORB ORB 4906015 215.90

Rough-in Valve 69000 4903155 85.60

Kingsley



- High arc spout
- Metal drain assembly
- 1/2" IPS connections
- 4" centerset
- Lever handles



Model No. Finish Prod. No. List Price
6121BN BN 4905015 326.65
6121ORB ORB 4905020 359.30

Faucets

**FINISHED
BRASS**

LAVATORY 	Kingsley  <ul style="list-style-type: none"> ▪ High arc spout ▪ Drain assembly ▪ Fits M-PACT system ▪ Mini widespread ▪ Lever handles 	Kingsley  <ul style="list-style-type: none"> ▪ High arc spout ▪ Drain assembly ▪ Fits M-PACT system ▪ Widespread ▪ Lever handles 	Monticello  <ul style="list-style-type: none"> ▪ 4" centerset ▪ Metal drain assembly ▪ 1/2" IPS connections ▪ Lever handles
	Model No. Finish Prod. No. List Price Trim Only BN 4905025 309.95 T6123BN T6123ORB ORB 4905030 340.95 Rough-in Valve 69300 4903160 81.35	Model No. Finish Prod. No. List Price Trim Only BN 4905035 385.10 T6125BN T6125ORB ORB 4905040 423.60 Rough-in Valve 69000 4903155 85.60	Model No. Finish Prod. No. List Price 4551 CH 4901201 187.10 4551BN BN 4901005 298.25
Monticello  <ul style="list-style-type: none"> ▪ Mini-widespread ▪ Metal drain assembly ▪ 1/2" IPS connections ▪ 4" centerset ▪ Lever handles 	Monticello  <ul style="list-style-type: none"> ▪ Widespread ▪ Drain assembly ▪ Fits M-PACT system ▪ Lever handles 	TUB/SHOWER 	
	Model No. Finish Prod. No. List Price Trim Only CH 4903165 158.75 T4560 Rough-in-Valve 69300 4903160 81.35	Model No. Finish Prod. No. List Price Trim Only CH 4903150 195.50 T4570 T4570BN BN 4901010 334.90 Rough-in-Valve 69000 4903155 85.60	NOTES: Posi-Temp Pressure Balancing Valves <ul style="list-style-type: none"> ▪ Maintains water temp. with ± 2° ▪ Temperature Limit Stops ▪ Cycling Valves ▪ Lifetime Limited Warranty Moentrol Pressure Balancing Valves <ul style="list-style-type: none"> ▪ Maintains water temp. with ± 2° ▪ Temperature Memory ▪ Volume Control ▪ Temperature Limit Stops ▪ Lifetime Limited Warranty
Brantford  Shower trim only <ul style="list-style-type: none"> ▪ Easy Clean XLT single function showerhead ▪ Lever handle Rough-in only <ul style="list-style-type: none"> ▪ 1/2" CC – 4 port ▪ Posi-Temp 	Tub/Shower trim only <ul style="list-style-type: none"> ▪ Easy Clean XLT single function showerhead ▪ Lever handle ▪ 6-1/2" slip fit diverter tub spout Rough-in only <ul style="list-style-type: none"> ▪ 1/2" CC – 4 port ▪ Posi-Temp 	Chateau  Shower trim only <ul style="list-style-type: none"> ▪ Easy Clean XL single function showerhead ▪ Knob handle Rough-in only <ul style="list-style-type: none"> ▪ 5-1/2" slip fit diverter tub spout ▪ Posi-Temp 	Tub/Shower trim only <ul style="list-style-type: none"> ▪ Easy Clean XL single function showerhead ▪ Knob handle ▪ 5-1/2" slip fit diverter tub spout Rough-in only <ul style="list-style-type: none"> ▪ 1/2" CC – 4 port ▪ Posi-Temp
	Model No. Finish Prod. No. List Price Trim Only BN 4907040 122.95 T2152BN T2152ORB ORB 4907045 135.25 Rough-in Valve 62320 4901694 86.95	Model No. Finish Prod. No. List Price Trim Only BN 4907050 162.25 T2153BN T2153ORB ORB 4907055 178.50 Rough-in Valve 62320 4901694 86.95	Model No. Finish Prod. No. List Price Trim Only CH 4901698 30.85 T182 Rough-in Valve 62320 4901694 86.95
Chateau  Tub/Shower trim only <ul style="list-style-type: none"> ▪ Easy Clean XL single function showerhead ▪ Lever handle ▪ 5-1/2" slip fit diverter tub spout Rough-in only <ul style="list-style-type: none"> ▪ 1/2" CC – 4 port ▪ Posi-Temp 	Shower trim only <ul style="list-style-type: none"> ▪ Easy Clean XLT single function showerhead ▪ Lever handle ▪ 7" slip fit diverter tub spout Rough-in only <ul style="list-style-type: none"> ▪ 1/2" CC – 4 port ▪ Posi-Temp 	Eva  Tub/Shower trim only <ul style="list-style-type: none"> ▪ Easy Clean XLT single function showerhead ▪ Lever handle ▪ 7" slip fit diverter tub spout Rough-in only <ul style="list-style-type: none"> ▪ 1/2" CC – 4 port ▪ Posi-Temp 	Tub/Shower trim only <ul style="list-style-type: none"> ▪ Easy Clean XLT single function showerhead ▪ Lever handle ▪ 7" slip fit diverter tub spout Rough-in only <ul style="list-style-type: none"> ▪ 1/2" CC – 4 port ▪ Posi-Temp
	Model No. Finish Prod. No. List Price Trim Kit For Tub/Shower CH 4901697 50.10 TL183 Rough-In Only CH 4901694 86.95	Model No. Finish Prod. No. List Price Trim Only BN 4906040 122.95 T2132BN T2132ORB ORB 4906045 135.25 Rough-in Valve 62320 4901694 86.95	Model No. Finish Prod. No. List Price Trim Only BN 4906050 162.25 T2133BN T2133ORB ORB 4906055 178.50 Rough-in Valve 62320 4901694 86.95

Faucets

TUB/SHOWER



Shower trim only
 • Moenflo XL single function showerhead
 • Lever handle
 Rough-in only
 • 1/2" CC – 4 port
 • Moentrol



Kingsley

Tub/Shower trim only
 • Moenflo XL single function showerhead
 • Lever handle
 • 5-1/2" slip fit diverter tub spout
 Rough-in only
 • 1/2" CC – 4 port
 • Moentrol



Model No.	Finish	Prod. No.	List Price
Trim Only			
T3112BN	BN	4905060	287.70
T3112ORB	ORB	4905065	316.45
Rough-in Valve			
63170		4901702	139.35

Model No.	Finish	Prod. No.	List Price
Trim Only			
T3113BN	BN	4905070	367.35
T3113ORB	ORB	4905075	404.05
Rough-in Valve			
63170		4901702	139.35

Legend

Tub/Shower trim only
 • Moenflo XL single function showerhead
 • Knob handle
 • 5-1/2" slip fit diverter tub spout
 Rough-in only
 • 1/2" CC – 4 port
 • Moentrol



Model No.	Finish	Prod. No.	List Price
Trim Only			
T172	CH	4901704	58.45
Rough-in Valve			
63170	CH	4901702	139.35

FINISHED
BASICS

Monticello

Shower trim only
 • Moenflo XL single function showerhead
 • Lever handle
 Rough-in only
 • 1/2" CC – 4 port
 • Posi-Temp



Model No.	Finish	Prod. No.	List Price
Trim Only			
T2444	CH	4903215	117.50
T2444BN	BN	4901030	217.80
Rough-in Valve			
62320		4901694	86.95

Model No.	Finish	Prod. No.	List Price
Trim Only			
T2449	CH	4903230	149.45
T2449BN	BN	4901035	276.90
Rough-in Valve			
62320		4901694	86.95

Villeta

Shower trim only
 • Easy Clean XLT single function showerhead
 • Lever handle
 Rough-in only
 • 1/2" CC – 4 port
 • Posi-Temp



Tub/Shower trim only
 • Easy Clean XLT single function showerhead
 • Lever handle
 • 5-7/8" slip fit diverter tub spout
 Rough-in only
 • 1/2" CC – 4 port
 • Posi-Temp



Model No.	Finish	Prod. No.	List Price
Trim Only			
TL2392	CH	4901803	46.25
Rough-in Valve			
62320		4901694	86.95

Model No.	Finish	Prod. No.	List Price
Trim Only			
TL2393	CH	4901802	69.70
Rough-in Valve			
62320		4901694	86.95

Kingsley Vertical Spa Set



Vertical Spa trim only
 • Moenflo XL single function showerhead
 • 4 body sprays
 Rough-in only
 • 1/2" CC
 • Moentrol
 • 2 discrete functions, 1 shared function

Model No.	Finish	Prod. No.	List Price
Trim Only			
263BN	BN	4905005	545.65
263ORB	ORB	4905010	600.20
Rough-in Valve			
3330		4905000	206.35



ROMAN TUB



Brantford Roman Tub

Trim only
 • High arc spout
 • 7" spout
 • Lever handles
 Rough-in only
 • 1/2" CC – adjustable
 • M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T933BN	BN	4907020	319.75
T933ORB	ORB	4907025	351.75
Rough-in Valve			
4992		4903191	108.80

Brantford Garden Tub



Trim only
 • High arc spout
 • 6" spout
 • Lever handles
 Rough-in only
 • 1/2" CC – adjustable
 • M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T4943BN	BN	4907021	210.45
T4943ORB	ORB	4907026	231.50
Rough-in Valve			
4992		4903191	108.80

Brantford



Trim only
 • 4 function hand shower – massage, full, vigorous, combination
 • High arc spout
 • Lever handles
 Rough-in only
 • 1/2" CC – w/diverter
 • M-Pact

Model No.	Finish	Prod. No.	List Price
Trim Only			
T924BN	BN	4907030	425.10
T924ORB	ORB	4907035	467.60
Rough-in Valve			
9992		4900018	245.20

Chateau



Trim only
 • Low arc spout
 • 7" spout
 Rough-in only
 • 1/2" CC – adjustable
 • M-Pact

Model No.	Finish	Prod. No.	List Price
Trim Only			
T990	CH	4903200	206.30
Rough-in Valve			
4992		4903191	108.80

Faucets

FINISHED
BRASS

ROMAN TUB



Eva



Trim only
 • High arc spout
 • Lever handles
 Rough-in only
 • 1/2" CC – adjustable
 • M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T943BN	BN	4906020	319.75
T943ORB	ORB	4906025	351.75
Rough-in Valve			
4992		4903191	108.80

Eva



Trim only
 • 4 spray patterns – massage, full, vigorous, combination
 • High arc spout
 • Lever handles
 Rough-in only
 • 1/2" CC – w/diverter
 • M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T944BN	BN	4906030	425.10
T944ORB	ORB	4906035	467.60
Rough-in Valve			
9992		4900018	245.20

Kingsley



Trim only
 • High arc spout
 • Lever handles
 Rough-in only
 • 1/2" CC – adjustable
 • M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T920BN	BN	4905045	453.15
T920ORB	ORB	4905051	498.45
Rough-in Valve			
4992		4903191	108.80

Kingsley



Trim only
 • High arc spout
 • Single function hand shower
 • Lever handles
 Rough-in only
 • 1/2" CC – w/diverter
 • M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T922BN	BN	4905050	831.60
T922ORB	ORB	4905055	914.75
Rough-in Valve			
9992		4900018	245.20

Monticello



Trim only
 • Lever handles
 Rough-in only
 • 1/2" CC – adjustable
 • M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T951	CH	4903195	276.70
T951BN	BN	4901015	394.05
Rough-in Valve			
4992		4903191	108.80

Monticello



Trim only
 • 4 function hand shower – massage, full, vigorous, combination
 • Lever handles
 Rough-in only
 • 1/2" CC – w/diverter
 • M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T953	CH	4901020	431.05
T953BN	BN	4901025	723.15
Rough-in Valve			
9992		4900018	245.20

ROUGH-IN VALVES



Model No.	Prod. No.	List Price
M-Pact – 4" Center – 1/2" IPS Connect		
69300	4903160	81.35
M-Pact – 8"-16" Ctr – 1/2" IPS Connect		
69000	4903155	85.60
Moentrol connect inc. pressure balance stops		
63170	4901702	139.35
M-Pact – Posi-Temp – 1/2" CC Connect		
62320	4901694	86.95
M-Pact – Posi-Temp – 1/2" IPS Connect		
62300	4901693	86.95
M-Pact – Moentrol – 1/2" CC Connect		
3330	4905000	206.35



4992
 • 1/2" CC
 • Adjustable no-cut spout shank
 • M-Pact

9992
 • 1/2" CC
 • No-cut spout shank
 • M-Pact
 • With diverter

Model No.
 4992
 9992

Prod. No.
 4903191
 4900018

List Price
 108.80
 245.20

LAUNDRY



Chateau



• 1/2" Connections
 • Garden Hose Attachment
 • 4" Centers

Model No. Finish Prod. No. List Price
 4975 CH 4900890 79.20



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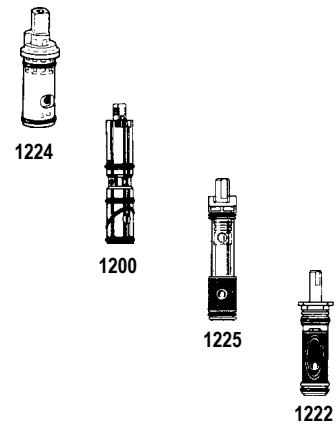
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Faucet Parts & Accessories

PARTS & ACCESSORIES

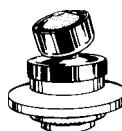


Model No.	Prod. No.	List Price
117—Spout Seal Kit Chateau & Legend Kitchen Faucet.	4902040	4.40
13094—Hdl Assbly For Legend, Moentrol, & Boutique T/S	4902060	18.90
96914—Retainer Clip F/PosiTemp	4902481	4.30
1224B—Replace Cartridge F/2 Hdl Or Widespread	4902646	12.05
96797—Handle Assembly Kit Chateau T/S	4902540	21.05
96884—Handle Kit F/PosiTemp	4902560	21.10
1200—Cartridge Brass	4902640	28.65
1225—Cartridge Plastic	4902641	23.10
1222—Cartrdg F/Chateau PosiTemp T/S Vlv	4902645	64.05
96791—Handle Kit Chateau Lav	4902760	21.05
91192—Diverter Chateau & Legend Kitchen	4902960	20.75
104421—Cartridge Puller f/1200, 1222 and 1225	4900022	43.95
100110—Installation Tool f/Valve Body 9000 and 69000	4903156	10.10



FINISHED
BRASS

Swing N Spray



Model No. Prod. No. List Price
20200—2.2 G.P.M.....4900020 26.95



Tub Drain Trim only
 - Push-N-Lock drain assembly
 - 1-1/2" threads
 Rough-in Kit only
 - Sch 40 PVC top & bottom ells
 - 1-1/2" threads

Model No. Finish Prod. No. List Price

Trim Only				
T90331BN	BN	4900006	63.85	
T90331ORB	ORB	4900007	70.75	
Rough-in Kit Only				
140690		4900005	5.20	

Diverter Spouts



Model No.	Prod. No.	List Price
3911 - With Soap Tray	4900011	40.10
3804 - Tub Filler Zinc - IPS	4900014	17.00
3931 - Slip Fit Spout	4900016	37.90

BATHROOM ACCESSORIES



Brantford Collection



Brushed Nickel

Model No.	Prod. No.	List Price
YB2218BN	18" Towel Bar	4910575
YB2224BN	24" Towel Bar	4910580
YB2286BN	Towel Ring	4910583
YB2203BN	Double Robe Hook	4910565
YB2208BN	Toilet Paper Holder	4910570
YB2201BN	Toilet Tank Lever	4910560

Oil Rubbed Bronze

Model No.	Prod. No.	List Price
YB2218ORB	18" Towel Bar	4910600
YB2224ORB	24" Towel Bar	4910605
YB2286ORB	Towel Ring	4910610
YB2203ORB	Double Robe Hook	4910590
YB2208ORB	Toilet Paper Holder	4910595
YB2201ORB	Toilet Tank Lever	4910585

Eva Collection



Brushed Nickel

Model No.	Prod. No.	List Price
YB2818BN	18" Towel Bar	4910715
YB2824BN	24" Towel Bar	4910720
YB2886BN	Open Towel Ring	4910725
YB2830BN	Robe Hook	4910705
YB2808BN	Open Toilet Paper Holder	4910710
YB2801BN	Toilet Tank Lever	4910700

Oil Rubbed Bronze

Model No.	Prod. No.	List Price
YB2818ORB	18" Towel Bar	4910745
YB2824ORB	24" Towel Bar	4910750
YB2886ORB	Open Towel Ring	4910755
YB2830ORB	Robe Hook	4910735
YB2808ORB	Open Toilet Paper Holder	4910740
YB2801ORB	Toilet Tank Lever	4910730

Prices & Specifications subject to change without notice.

Bathroom Accessories

BATHROOM ACCESSORIES



FINISHED
BRASS



Brushed Nickel

Model No.	Prod. No.	List Price
YB5418BN.....18" Towel Bar	4910515	70.78
YB5424BN.....24" Towel Bar	4910520	73.40
YB5486BN.....Towel Ring	4910525	49.43
YB5403BN.....Double Robe Hook	4910505	33.43
YB5408BN.....Pivoting T. P. Holder	4910510	61.44
YB5401BN.....Toilet Tank Lever	4910500	43.60

Oil Rubbed Bronze

Model No.	Prod. No.	List Price
YB5418ORB.....18" Towel Bar	4910550	77.86
YB5424ORB.....24" Towel Bar	4910545	80.77
YB5486ORB.....Towel Ring	4910555	54.36
YB5403ORB.....Double Robe Hook	4910535	36.82
YB5408ORB.....Pivoting T. P. Holder	4910540	67.63
YB5401ORB.....Toilet Tank Lever	4910530	47.94

Monticello Collection



Chrome

Model No.	Prod. No.	List Price
YB4718CH.....18" Towel Bar	4910160	67.01
YB4724CH.....24" Towel Bar	4910190	71.20
YB4786CH.....Towel Ring	4910220	48.46
YB4703CH.....Double Robe Hook	4910100	32.48
YB4708CH.....Toilet Paper Holder	4910130	59.46

Brushed Nickel

Model No.	Prod. No.	List Price
YB4718BN.....18" Towel Bar	4910255	71.13
YB4724BN.....24" Towel Bar	4910260	73.76
YB4786BN.....Towel Ring	4910265	49.59
YB4703BN.....Double Robe Hook	4910245	33.60
YB4708BN.....Toilet Paper Holder	4910250	61.70

Capitol Group Kitchen & Bath Design Center

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Capitol Group Bath Center ~ Bloomington ~

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BATHROOM ACCESSORIES



Recessed Soap Dish & Utility Bar



Recessed Paper Holder, Easy-Out Roller



Paper Holder, Easy-Out Roller



Model No.	Prod. No.	List Price
608-Chrome.....	34001035	35.37

Model No.	Prod. No.	List Price
Chrome W/Chrome Roller	34001015	35.65
607C.....	34001015	35.65

Model No.	Prod. No.	List Price
Chrome W/Chrome Roller	34001095	13.72

Robe Hooks



Grab Bars



Model No.	Prod. No.	List Price
Moen/Donner Double Hook-Chrome	4910300	15.16
303CH	34001215	24.02

Model No.	Prod. No.	List Price
516SS-16" Long, 7/8" Dia.	34001215	24.02
524SS-24" Long, 7/8" Dia.	34001225	28.28
Handicapped W/Concealed Screws		
5624-24" x 1-1/2" Horiz HLC24	34007100	36.29
5636-36" x 1-1/2" Horiz HLC36	34007110	43.68
5642-42" x 1-1/2" Horiz HLC42	34007120	47.33

Ginger Decorative Accessories are available through all Capitol Group Showrooms.



Decorative Bath Trim

DECORATIVE BATH TRIM

BN - Brushed Nickel
WB - Old World Bronze



Trip Lever Trim Only



Includes
 • Faceplate
 • Screws
 • Strainer

Model No.	Finish	Prod. No.	List Price
B51-14BN	BN	1610100	31.27
B51-14WB	WB	1610105	31.27

Toe Touch Conversion Kit



Includes
 • Drain
 • Bushing
 • Faceplate
 • 2 Screws
 • Fits 1-3/8" or 1-1/2" waste elbows

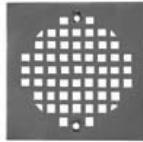
Cast Brass Heavy Duty Stainers



- 4-1/4" Square Strainer

BRASS
FINISHED

Snap-In Strainers



- For no caulk fiberglass shower stalls

Model No.	Finish	Prod. No.	List Price
D40-05BN	BN	1610130	32.73
D40-05WB	WB	1610135	32.73

Compression Angle Stop



- 5/8" Comp. x 3/8" Comp.

Model No.	Finish	Prod. No.	List Price
S42-11BN	BN	1610205	31.36
S42-11WB	WB	1610210	31.36

Compression Straight Stop



- 5/8" Comp. x 3/8" Comp.

Lav Supply Tubes



- 3/8" x 20"

Closet Supply Tubes



- 3/8" x 20"

Escutcheons



- 1/2" CTS - 5/8" OD Low Pattern - 2-1/2" OD

Model No.	Finish	Prod. No.	List Price
S44-05BN	BN	1610235	18.04
S44-05WB	WB	1610240	18.04

Model No.	Finish	Prod. No.	List Price
E01-05BN	BN	1610245	6.66
E01-05WB	WB	1610250	6.66



Springfield 800-477-8526 FAX 217-793-7637	Peoria 800-477-0696 FAX 309-699-3987	Bloomington 309-664-1770 FAX 309-664-1771
Champaign 800-477-1118 FAX 217-351-1051	Marion 800-477-0231 FAX 618-993-8251	St. Louis 800-489-8400 FAX 314-772-7185

We are just a phone call away!

All branches have immediate access to total Company inventory, pricing and shipping status assuring you accurate and on-time delivery of products.

NOTES





Custom Shower Systems

Most systems utilize a bank of two or three body sprays on one or multiple walls. Volume controls operate each bank of body sprays. Certainly popular today are "his and hers" showers for two.

The body sprays are typically utilized in addition to a shower head and/or hand shower. One of the growing trends is to use an oversized shower head (like the Alsons 6" diameter Tropical Rain) which can be mounted like any shower head or as an overhead shower head...or both! Use one or all showering spray functions at one time.

Alsons Shower Spa® Body Spray

The Shower Spa® body spray features a unique spray. Most body sprays are actually shower heads with a narrow spray and "hollow" center. Not the Shower Spa body spray!

As shown in the chart on the right, the Shower Spa® spray spans 12" wide for each 12" of distance... with a continuous burst of water.

Alsons' spray with a wide burst of water requires only two or three jets from each side (four to six from two walls) for coverage from head to toe, and easily surpasses other products which typically spray only 4" to 6" for every foot of distance from the wall and would require eight to twelve jets for total body coverage on sprays, coming from two walls.

It is important to fully plan your spray pattern early in the design process. In most cases, the spray should be directed to the upper shoulders, lower back and the knees/thigh areas. Remember, the wide, full Shower Spa® spray creates a 12" wide spray from a distance of 12' from the wall. It is recommended to position the body sprays so the water will not hit the bather's face.

Besides the outstanding spray, the Shower Spa body spray utilizes only 1.5 gallons of water per minute, at 40 pounds per square inch (psi), compared to 2.5 gpm for most other body sprays. This is a tremendous advantage for maximum versatility in a custom shower, enabling the installation to have additional shower heads and hand showers installed, and yet meet the water flow limits of the thermostatic valve selected.

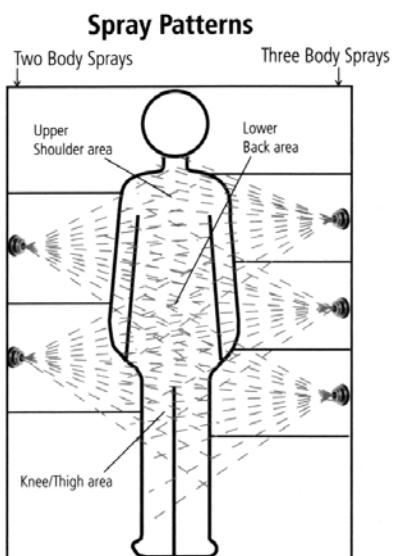
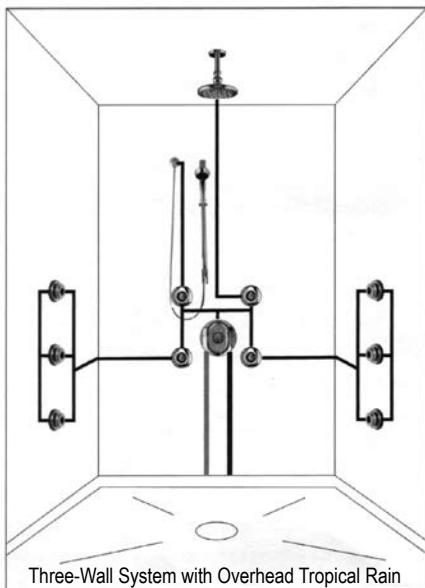
Flow Capacity of Body Sprays, Shower Heads and Hand Showers

Water flow is restricted at a maximum of 2.5 gpm in North America. Alsons shower heads and hand showers – even the extra-large Tropical Rain shower head - all operate at 2.5 gpm and the body sprays at only 1.5 gpm. The water restriction is legislated to save water and energy, and thus also save money.

If the flow restrictors were to be removed by the homeowner (which is not recommended), the hand showers and shower heads would have a 4.5 gpm water flow and the Tropical Rain a flow of about 6 gpm.

Contact your sales representative for designs and installation options.

FINISHED
BRASS



Hand Showers & Accessories

SHOWER SYSTEMS



Includes

- 462 PB Push Button Hand Held Shower
- UltraFlex Hose 490 - 60"
- 3001 Wall Mount (1)

Model No. Prod. No. List Price

White 410 PB PK.....5001100 57.02

Chrome 410 PB C PK5001110 64.15



Includes

- 425 C PK Chrome Five-Spray/Massage Hand Held Shower
- 495 DS Extendible SS Hose - 60" - 82"
- 15041 Wall Bar - 28" w/Adj Mount

Model No. Prod. No. List Price

1504 MAC BX.....5001380 189.78

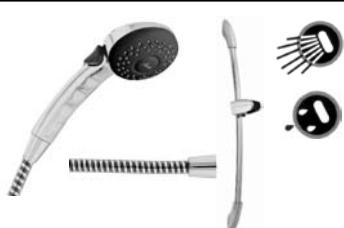


Includes

- 462 White Hand Held Shower
- 15041 C Wall Bar - 28" w/Adj Mount
- UltraFlex Hose 494 C - 70"

Model No. Prod. No. List Price

1521 BX.....5001125 124.70



Includes

- 462 PB White Push Button Hand Held Shower
- 15041 C Wall Bar - 28" w/Adj Mount
- UltraFlex Hose 494 C - 70"

Model No. Prod. No. List Price
1521 PB BX.....5001310 138.11



Includes

- 425 C PK Chrome Five-Spray/Massage Hand Held Shower
- 5002 Swivel Connector
- 495 DS Extendible SS Hose - 60" - 82"
- 25011 Wall Bar - 24" w/Adj Pin Mount

Model No. Prod. No. List Price
1551 MAC BX.....5001220 169.29

HAND SHOWERS



Five-Spray/Massage



- Includes two massage sprays
- Anti-clog/rub clean nozzles
- Extra wide spray

Model No. Finish Prod. No. List Price
435 C PK CH.....5000150 38.31



- Rub clean nozzles for removal of deposits
- Double check valve

Model No. Finish Prod. No. List Price
462 PK WH.....5000199 18.71



- Push button trickle/full spray control
- Rub clean nozzles for removal of deposits
- Double check valve

Model No. Finish Prod. No. List Price
462 PB C PK CH.....5000198 30.29
462 PB PK WH.....5000197 24.06

SHOWER HEADS

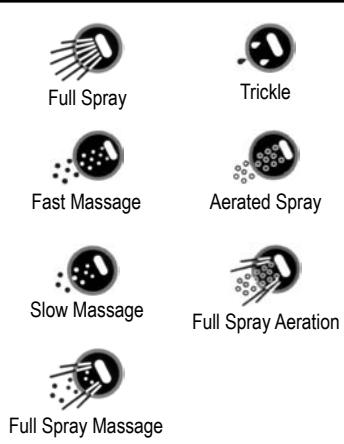


Five-Spray/Massage



- Includes three massage sprays
- Anti-clog/rub clean nozzles
- Trickle setting for shampoo/soap-up
- Easy-turn spray dial with lever

Model No. Finish Prod. No. List Price
635 C PK CH.....5000275 25.84



CONNECTORS, SHOWER/WALL MOUNTS



Pin Mount Swivel Connector



- Plastic construction

Model No. Finish Prod. No. List Price
4002 C PK CH.....5000500 12.47
4002 PK WH/CH ..5000550 10.69

Pin Mount Swivel Connector



- Metal construction

Model No. Finish Prod. No. List Price
5002 PK CH.....5000881 21.38

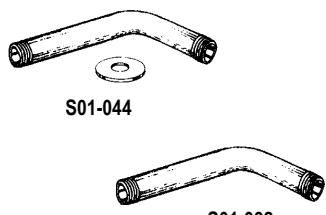
Hand Shower Accessories

FINISHED
BRASS

<h2>CONNECTORS, SHOWER/WALL MOUNTS</h2> 	<h3>Shower Arm Pin Mount</h3>  <ul style="list-style-type: none"> Metal construction <p>Model No. Finish Prod. No. List Price 4301 PK CH.....5000580 17.82</p>	<h3>Shower Arm Mount</h3>  <ul style="list-style-type: none"> Adjustable arm mount <p>Model No. Finish Prod. No. List Price 3401 C PK CH.....5000480 11.58</p>	<h3>Clean Pin Wall Mount</h3>  <ul style="list-style-type: none"> Includes mounting screws <p>Model No. Finish Prod. No. List Price 5001 PK CH.....5000880 11.58</p>
<h3>Wall Mount</h3>  <ul style="list-style-type: none"> Adhesive or concealed screw mount <p>Model No. Finish Prod. No. List Price 3001 C PK CH.....5000460 15.15</p>	<h3>Classic Wall Bar</h3>  <ul style="list-style-type: none"> Adjustable pin mount 24" wall bar Concealed screw mounting and tile offset <p>Model No. Finish Prod. No. List Price 25011 C BX CH.....5001370 92.66</p>	<h3>VACUUM BREAKERS</h3>   <ul style="list-style-type: none"> Atmospheric type 1/2" connections w/brass shield 	<h3>Vacuum Breaker</h3>  <p>Model No. Finish Prod. No. List Price 4900 CH.....5001060 23.17</p>
<h3>Vacuum Breaker</h3>  <ul style="list-style-type: none"> ASSE Stamped 1/2" Inlet/Outlet <p>SPEAKMAN®</p> <p>Model No. Finish Prod. No. List Price VS-117 CH.....6620010 37.88</p>	<h3>WATER SUPPLY CONNECTORS</h3> 	<h3>Tub Spout Diverters</h3>  <p>1010 L PK 1072 PK</p> <ul style="list-style-type: none"> 1010 L PK - Extra Long - 6-1/2" 1072 PK - 5-1/4" 1/2" & 3/4" Connections <p>Model No. Finish Prod. No. List Price 1010 L PK CH.....5000390 57.92 1072 PK CH.....5000450 45.44</p>	<h3>Diverters</h3>  <p>4923 C PK 4922 PK</p> <ul style="list-style-type: none"> All-Brass <p>Model No. Finish Prod. No. List Price Deluxe Push-Pull Control - 3 Way 4923 C PK CH.....5000820 40.10 Lever Control f/Shower Arm 4922 PK CH.....5000810 21.38</p>
<h3>Supply Elbow</h3>  <ul style="list-style-type: none"> All-brass supply elbow for 1/2" connections Replaces standard shower arm <p>Model No. Finish Prod. No. List Price 4980 PK CH.....5000840 32.08</p>	<h3>SHOWER HOSES</h3> 	<h3>UltraFlex Hose</h3>  <ul style="list-style-type: none"> White hose with Chrome ribbon One conical and one all-brass nut Hose Length in Bold Print <p>Model No. Prod. No. List Price 494 C 60 PK5000242 23.17</p>	<h3>UltraFlex Hose</h3>  <ul style="list-style-type: none"> Black hose with Chrome ribbon One conical and one all-brass nut Hose Length in Bold Print <p>Model No. Prod. No. List Price 490 60 PK5000245 23.17 490 70 PK5000250 25.84</p>

Accessories & Commercial Faucets

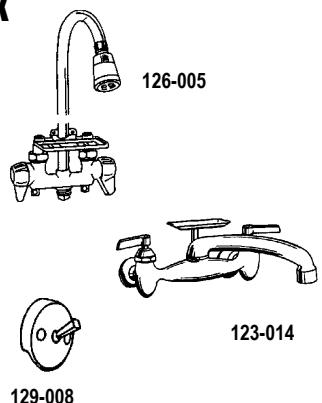
BATH & SHOWER ACCESSORIES



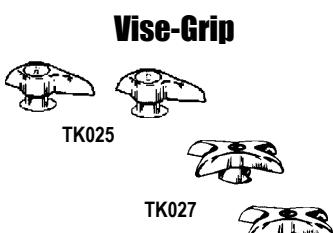
Model No.	Prod. No.	List Price
1/2" x 6" Shw Arm & Flg		
S01-044	15510007	7.22
1/2" x 8" Shw Arm		
S01-032	15510008	7.91

Model No.	Prod. No.	List Price
Bath Cock		
123-004	5205020	35.89
Utility Shower Faucet		
126-005	5205010	62.81
Wall Fct 8" Spout W/Soup Dish		
123-014	5205030	96.09
Face Plate Assy		
129-008	15511910	4.37

B & K

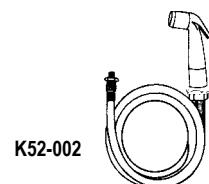


FAUCET & SINK ACCESSORIES



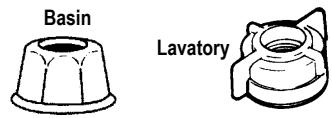
Model No.	Prod. No.	List Price
Lever Handle (Pair)		
TK025	15510170	8.91
Cross Handle (Pair)		
TK027	15510165	9.48

Spray & Hose Assembly



Model No.	Prod. No.	List Price
Replacement Spray and Hose Assembly		
K52-002	15510140	11.39
Spray Head Only		
K52-001	15510120	5.12

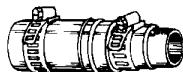
Basin/Lavatory Nut



Size	Prod. No.	List Price
Basin – Zamack 1/2" - 14 x 9/16" Brass..	15510104	0.89
Lavatory – Plastic 1/2" - 14 x 1/2"	15510105	0.47

Disposal Connector

- Includes 2 Clamps



Model No.	Prod. No.	List Price
D10-001	15510070	1.52

Auto Trap Vent



Model No.	Prod. No.	List Price
P21-150	15511580	3.92

COMMERCIAL FAUCETS & PARTS



a Geberit company

Lavatory



- 633 Handle
- E12 Aerator

Model No.	Prod. No.	List Price
Single Lavatory-Cold Index		
700	4302510	130.88

Lavatory



- 4" Centers
- 4" Spout
- 369 Handle
- E12 Aerator

Model No.	Prod. No.	List Price
Without Pop-Up		
802A	4302557	159.61

Single Sink/Bar

- Single Hole Inlet
- GN2A 5-3/8" Spout
- 369 Handle
- E3 Aerator



Model No.	Prod. No.	List Price
Single Handle-Cold Index		
350	4302205	159.52

Hospital

- Vacuum Breaker Spout W/Pailhook
- 3/4" Hose Thread Outlet
- 369 Handle
- R Integral Stop Arms
- Adjustable Centers 4" To 8"



Model No.	Prod. No.	List Price
Rough Chrome Plated		
897RCF	4302665	176.27

Hospital



- 4" Center
- GN1A 3-1/2" Spout
- 317 4" Blade Handle
- E3 Aerator

Model No.	Prod. No.	List Price
895-317	4302650	205.98

Model No.	Prod. No.	List Price
Faucet Stems Right		
1-099XTJK.....	4304020	23.01
Left		
1-100XTJK.....	4304025	23.01

BRASS
FINISHED

Commercial Faucets & Parts

COMMERCIAL FAUCETS & PARTS



FINISHED BRASS

Sink & Pantry Faucets

- Sink Mixing Faucet
- 8" Centers Wall Mnt



Model No.

B-0230-LN

Prod. No.

4310200

List Price

153.26

Service Sink Faucets

- Vacuum Breaker Nozzle W/Pail Hook
- 3/4" Hose Thread On Outlet
- 8" Centers



Model No.

B-665STRM-Rough Brass ..

Prod. No.

6639592

List Price

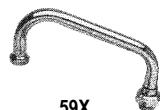
168.21

Model No. Prod. No. List Price

Swivel Gooseneck 133X-9-1/2"

4311980

40.26



59X

Model No. Prod. No. List Price
59X-6" Swing Spout....4310350 28.73
61X-10" Swing Spout....4310275 32.79
62X-12" Swing Spout....4310325 34.92
63X-14" Swing Spout....4310300 37.06



B-133



B-155-ADF

Model No.

002711-40-Eterna Spindle Assy, Spring Check, LH Cold

Prod. No.

4310500

List Price

52.12

002712-40-Eterna Spindle Assy, Spring Check, RH Hot

4310525

52.12

002713-40-Eterna Spindle Assy, LH Cold

4311880

51.78

002714-40-Eterna Spindle Assy, RH Hot

4311860

51.78

B-133 - Pre-Rinse Unit, 8" Centers.....

4310600

437.35

B-155-ADF - Add-On Faucet F/Use W/Pre-Rinse Units, 6" Noz. Std.....

4310900

108.40

B-107 - Spray F/Pre-Rinse Unit.....

4311000

86.40

B-0044-H - Flexible SS Hose 44"

4311100

76.36

HG-4D-48 - Gas Hose 3/4" x 48" QD

4311440

252.05

HG-4D-48-SK - Gas Hose 3/4" x 48" QD Swivel Kit.....

4311420

427.73

B-9K-Lever Handle Kit.....

4311500

15.91

B-11K - Externa Cartridge Spray Kit.....

4311600

19.44

B-21K - Externa Cartridge Replacement.....

4311700

15.38

B-10K - B-0107 Repair Kit

4311020

19.65

B-0969-RK01 - 1/2" Atmospheric Vacuum Breaker

4311780

25.53

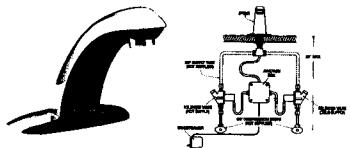
Food Service



- Pre-Rinse Spray W/Flex SS Hose

Model No. Prod. No. List Price
3/8" IPS Male Adapter 053A 4310800 10.89
1/2" IPS Male Adapter B-100 4310400 161.80

METERING FAUCETS

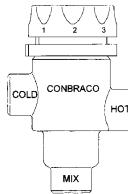


- 1 Solenoid, module plug-in system wire box tempering valve must be ordered separate.

SLOAN.

Model No. Prod. No. List Price
ETF80 7111000 563.92
Back check Battery Operated EBF85M 7111200 674.88

MIXING VALVE



Product #	Size Conn.	Mixed Temp. Range	Flow GPM
34A-213-T	1/2"	110 - 150° F	6
34A-214-T	3/4"	110 - 150° F	8

Model No. Prod. No. List Price
34A-213-T-1/2" 17020100 122.53
34A-214-T-3/4" 17020200 140.04



- Tempered water supply to one faucet, mechanical mixing valve with 3/8" compression connections and in-line checks for hot and cold supplies.

SYMONS®

Model No. Prod. No. List Price
4-10B-3/8" 4500500 106.49



- Proportional flow design, maintains mixed water temperature to ±3°F up to 120°F (49°C), installs easily between the stop valves and faucet.

WATTS®

Model No. Prod. No. List Price
USG-B-3/8" 8901900 121.86

Mixing Valves

THERMOSTATIC MIXING VALVE



- 1/2" thermostatic water mixing valve, straight checkstops, copper tube connections on inlets, IPS outlet.



- Inlets/Outlets – 1/2"
- Max. Flow (gpm) – 7
- Weight (pounds) – 5

Model No.

210-SB.....

Prod. No.

4360100

List Price

262.44

- 3/8" single outlet thermostatic mixing valve (f/one fixture only), powered by a copper encapsulated element. The unit includes integral check valves and compression fittings on the inlets. **With cold water by pass port.**



- Inlets/Outlets – 3/8"
- Min. Flow (gpm) – 0.5
- Max. Supply Pressure – 125 PSI

Model No.

170-BP.....

Prod. No.

4360200

List Price

109.00



Don't see what you're looking for,
ASK US!
We're here to help



CROSS REFERENCE GUIDE

FLUSH VALVES



FLUSH VALVES

Zurn Aquaflush	GPF	Prod. No.	Sloan Regal	GPF	Prod No.
Closets					
Z6000	3.5	9500035	Regal 110	3.5	7105605
Z6000-WS1	1.6	9500040	Regal 111	1.6	7105608
Z6000-2	3.5	9500045	Regal 115	3.5	7105610
Z6000-2-WS1	1.6	9500190	Regal 115-1.6	1.6	7105615
Z6000-3	3.5	9500050	Regal 116	3.5	7105620
Urinals					
Z6001	3.0	9500055	Regal 180	3.5	7105630
Z6003	1.5	9500060	Regal 186	1.5	7105635
Z6003-WS1	1.0	9500195	Regal 186-1.0	1.0	7105638

EXPOSED FLUSH VALVES

Zurn AquaVantage	GPF	Prod. No.	Sloan Royal	GPF	Prod. No.
Closets					
Z6000AV	3.5	9500005	Royal 110	3.5	7105160
Z6000AV-WS1	1.6	9500010	Royal 111	1.6	7105607
Z6000AV-2	3.5	9500015	Royal 115	3.5	7105215
Z6000AV-3	3.5	9500020	Royal 116	3.5	7105290
Urinals					
Z6001AV	3.0	9500025	Royal 180	3.5	7105465
Z6003AV	1.5	9500030	Royal 186	1.5	7105500
Z6003AV-WS1	1.0	9500180	Royal 186-1.0	1.0	7105550

FLUSH VALVE PARTS

Description	Zurn No.	Prod No.	Sloan No.	Prod No.
Vacuum Breaker Repair Kit	P6000-B-BP	9500075	V-551-A	7106515
SD 1" Stop Valve Repair Kit	P6000-D-SD-BP	9500080	H-541-AA	7106269
3/4" Stop Valve Repair Kit	P6003-D	9500220	H-543-AA	7106268
Diaphragm	P6000-ER15	9500090	A-56-A	7106030
Inside Cover	P6000-L-BP	9500095	A-71	7106015
Handle Assembly f/Exp Vlv	P6000-M	9500210	B-32-A	7106050
Handle Repair Kit f/Exp Vlv	P6000-MK-BP	9500105	B-50-A	7106060
1-1/2" x 21" Flush Tube/ Vacuum Breaker	P6000-2-A-AA-CP	9500240	V-500-AA	7106415
1-1/2" x 24" Flush Tube/ Vacuum Breaker	P6000-3-A-AA-CP	9500250	V-500-AA	7106417
Molded Disc	P6000-E14	9500200	A-15-A	7105980

Description	Zurn No.	Prod No.	Sloan No.	Prod No.
Diaphragm Repair Kit	P6000-EER	9500205	A-156-AA	7106031
O-Ring	P6000-C31	9500215	H-553	7106245
3/4" Spud & Clpg Assy	P6003-H	9500225	F-5-A	7106375
1-1/2" Spud & Clpg Assy	P6000-H	9500230	F-5-A	7106385
1.0 GPF Urinal Repair Kit	P6000-EUR-WS1-CS	9500120	A-42-A	7106045
1.0 GPF Urinal Repair Kit	P6000-EUR-WS	9500160	A-42-A	7106045
1.6 GPF Closet Repair Kit	P6000-ECR-WS1-CS	9500125	A-41-A	7106044
3.5 GPF Closet Repair Kit	P6000-ECR-WS	9500165	A-38-A	7106033
4.5 GPF Closet Repair Kit	P6000-ECR-FF	9500260	A-36-A	7106500

Cross Reference Information: This does not guarantee any references given are of functional equivalency or that performance and other characteristics are exact.

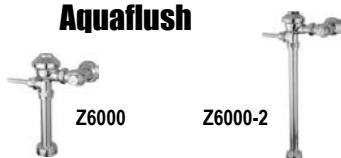
Flush Valves & Parts

FLUSH VALVES & AUTOMATIC FLUSH



**FINISHED
BRASS**

Aquaflush



- Exposed flush valve w/top spud connections

Model No. Prod. No. List Price

Closets w/11-1/2" Rough-In

Z6000-WS1-YC-1.6 Gal. 9500040 106.00

Z6000-YB-3.5 Gal. 9500035 106.00

Closet w/24" Rough-In

Z6000-2-WS1-YB-1.6 Gal. 9500190 108.00

Z6000-2-YB-3.5 Gal. 9500045 106.00

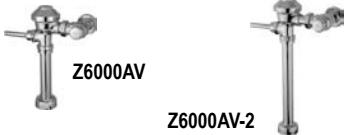
Closet w/27" Rough-In

Z6000-3-YB-3.5 Gal. 9500050 106.00

Aquaflush



AquaVantage AV



- Exposed flush valve w/top spud connections

Model No. Prod. No. List Price

Closets w/11-1/2" Rough-In

Z6000AV-WS1-YB-1.6 Gal. 9500010 164.00

Z6000AV-YB-3.5 Gal. 9500005 164.00

Closet w/24" Rough-In

Z6000AV-2-YB-3.5 Gal. 9500015 164.00

Closet w/27" Rough-In

Z6000AV-3-YB-3.5 Gal. 9500020 164.00

AquaVantage AV



- Exposed flush valve w/top spud connections

Model No. Prod. No. List Price

For 3/4" Urinals

Z6003AV-WS1-1.0 Gal. 9500180 166.00

Z6003AV-YB-1.5 Gal. 9500030 164.00

For 1-1/4" Urinals

Z6001AV-YB-3.0 Gal. 9500025 164.00

AquaSense



- Sensor-Operated, Battery-Powered

Model No. Prod. No. List Price

For 3/4" Urinal-1.0 Gal

ZER6003AV-WS1-CP. 9500300 423.60

AquaSense



- E-Z Flush Automatic Retrofit Kit For Closets and Urinal Valves

Model No. Prod. No. List Price

Chrome Metal Cover

ZERK-CPM..... 9500065 252.00

Chrome-Plated Polycarbonate Cover

ZERK-CP..... 9500070 236.00

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Order forms located in back
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FLUSH VALVE PARTS



Model No.	Description	Prod. No.	List Price
P6000-B-BP.....	Vacuum Breaker Repair Kit	9500075	2.77
P6000-C-SD-CP.....	SD 1" Stop - CP	9500185	41.51
P6000-D-SD-BP.....	SD 1" Stop Valve Repair Kit	9500080	8.95
P6003-D-SD-BP.....	SD 3/4" Stop Valve Repair Kit	9500085	8.95
P6003-D.....	3/4" Stop Valve Repair Kit – H53AA – Royal	9500220	8.95
P6000-ER15.....	AquaFlush Diaphragm - Chemical Resistant	9500090	5.13
P6000-L-BP.....	Internal Cap (Inside plastic cover)	9500095	6.11
P6000-M.....	Handle Assembly F/Exp Valve	9500210	15.30
P6000-M-ADA-BP.....	Handle Assembly F/Exp Valve ADA Compliant	9500100	15.30
P6000-MK-BP.....	Handle Repair Kit F/Exp Valve (Side) No Leak	9500105	3.01
P6003-A-AA-CP.....	3/4" x 9" Flush Tube/Vacuum Breaker W/Nut - CP	9500110	19.62
P6003-A-AA-CP.....	1-1/2" x 9" Flush Tube/Vacuum Breaker L/Nut CP	9500115	19.62
P6000-2-A-AA-CP.....	1-1/2" x 21" Flush Tube/Vacuum Breaker W/Nut - CP	9500240	36.71
P6000-3-A-AA-CP.....	1-1/2" x 24" Flush Tube/Vacuum Breaker W/Nut - CP	9500250	39.15
P6000-ECR-WS1-RK-CS.....	1.0 GPF Closet Rebuild Kit	9500155	28.90
P6000-ECA-WS1-RK-CS.....	1.6 GPF Closet Rebuild Kit	9500140	41.19
P6000-EUR-WS1-RK-CS.....	1.0 GPF Urinal Rebuild Kit	9500150	28.90
P6000-EUA-WS1-RK-CS.....	1.0 GPF Urinal Rebuild Kit	9500145	41.19
P6000-E14.....	Molded Disc	9500200	4.07
P6000-EER.....	Diaphragm Repair Kit	9500205	10.01
P6000-C31.....	O-Ring for Tailpiece	9500215	0.90
P6003-H.....	3/4" Spud Escutcheon & Coupling Assembly	9500225	12.05
P6000-H.....	1-1/2" Spud Escutcheon & Coupling Assembly	9500230	12.05
P6000-EUR-WS1-CS.....	1.0 GPF Urinal Repair Kit (clam shell package)	9500120	24.99
P6000-EUR-WS1.....	1.0 GPF Urinal Repair Kit (box package)	9500160	17.91
P6000-EUA-WS1-CS.....	1.0 GPF Urinal Repair Kit – Chem & Clog Resistant	9500135	35.00
P6000-EUA-WS.....	1.5 GPF Urinal Repair Kit – Chem & Clog Resistant	9500170	35.00
P6000-ECR-WS1-CS.....	1.6 GPF Closet Repair Kit	9500125	24.99
P6000-ECA-WS1-CS.....	1.6 GPF Closet Repair Kit – Chem & Clog Resistant	9500130	35.00
P6000-ECR-WS.....	3.5 GPF Closet Repair Kit	9500165	17.91
P6000-ECA-WS.....	3.5 GPF Closet Repair Kit – Chem & Clog Resistant	9500175	35.00
P6000-ECR-FF.....	4.5 GPF Closet Repair Kit	9500260	17.91

Flush Valves & Parts

FLUSH VALVES & AUTOMATIC FLUSH

SLOAN.

Regal



Model No.	Prod. No.	List Price
Closets w/11-1/2" Rough-In		
111-1.6 Gal	7105608	110.44
110-3.5 Gal	7105605	110.44
Closets w/24" Rough-In		
115-1.6-1.6 Gal	7105615	115.00
115-3.5 Gal	7105610	115.00
Closets w/27" Rough-In		
116-3.5 Gal	7105620	115.00

Regal



Model No.	Prod. No.	List Price
For 3/4" Urinals		
186-1.0-1.0 Gal	7105638	110.44
186-1.5 Gal	7105635	110.44
For 1-1/4" Urinals		
180-3.5 Gal	7105630	110.44

Royal



Model No.	Prod. No.	List Price
Closets w/11-1/2" Rough-In		
111-1.6 Gal	7105607	166.73
110-3.5 Gal	7105160	166.73
Closets w/24" Rough-In		
115-3.5 Gal	7105215	178.70
Closets w/27" Rough-In		
116-3.5 Gal	7105290	181.74

Royal



- Easily converts manual Flushometer to modern water-saving electronics.

Model No.	Prod. No.	List Price
For 3/4" Urinals		
186-1.0-1.0 Gal	7105550	166.73
186-1.5 Gal	7105500	166.73
For 1-1/4" Urinals		
180-1.5-1.5 Gal	7105465	166.73
180-3.5 Gal	7105460	166.73

Model No.	Prod. No.	List Price
Closet		
EBV-89A-M.....	7100500	331.93

FLUSH VALVE PARTS

SLOAN.



Capitol Group

Springfield	Peoria	Bloomington
800-477-8526	800-477-0696	309-664-1770
FAX 217-793-7637	FAX 309-699-3987	FAX 309-664-1771
Champaign	Marion	St. Louis
800-477-1118	800-477-0231	800-489-8400
FAX 217-351-1051	FAX 618-993-8251	FAX 314-772-7185

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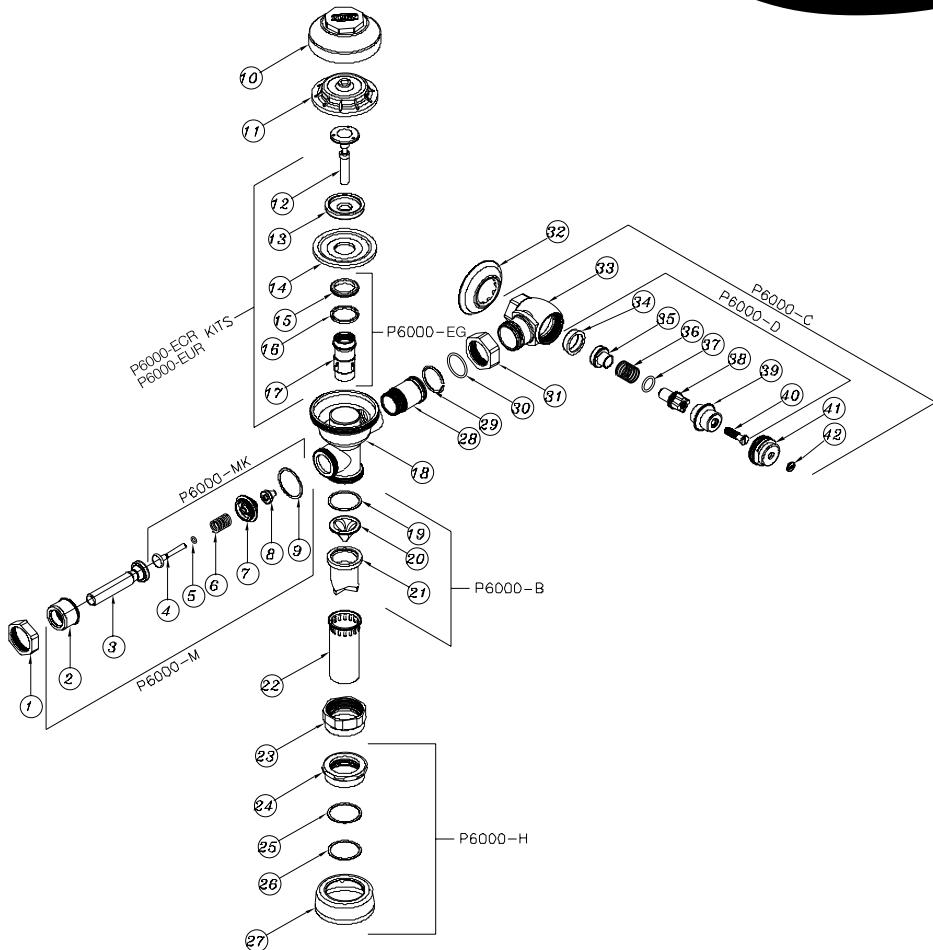
Model No.	Description	Prod. No.	List Price
V-500-AA	1-1/2" x 21" Vacuum Breakers	7106415	41.18
V-500-AA	1-1/2" x 24" Vacuum Breakers	7106417	46.27
Optima Flush Valve Retro-Fit Kits			
RESS-C	1.6 or 3.5 Closet	7115700	384.28
RESS-U	1.5 Urinal	7115710	384.28
C100-500K	Flushmate Cartridge F/Power Assisted Toilets (not for 200 Series)	7108000	38.10
0301168	A-71 Inside Cover	7106015	7.22
5301111	A15A Molded Disc	7105980	4.80
5301188	A156A Diaphragm	7106030	5.65
3301036	Royal Repair Kit	7106500	20.95
3301037	Royal Repair Kit	7106034	20.95
5301189	A156AA Washer Set	7106031	11.78
3301038	A38A 3.5G Clst Repair Kit	7106033	20.95
3301041	A41A 1.6G Clst Repair Kit	7106044	29.26
3301044	A42A 1G Um Repair Kit	7106045	29.26
3308856	H543AA Repair Kit	7106268	10.45
5302279	B32A Handle Assmby	7106050	13.49
5302305	B50A Repair Kit	7106060	3.56
3323192	VB Repair Kit	7106515	3.18
3308853	SD Repair Kit	7106269	10.45
5308696	H553 O-Ring	7106245	0.93
0314016	CN1002A W/S-123A	7106280	50.54
0306125	F5A 3/4" CP Spud Cplg	7106375	14.11
0306146	F5A 1-1/2" CO Spud Cplg	7106385	14.11

Aquaflush Exposed Repair Kits



Parts Identification

1. Handle Nut
2. Handle Sleeve and Insert
3. Low Force/ADA Compliant Handle
4. Actuator Rod
5. Handle O-Ring
6. Handle Spring
7. Handle Seal Retainer
8. Handle Seal
9. Gasket
10. Valve Body Cover
11. Plastic Cover
12. Trip Mechanism
13. Retainer Disc
14. Diaphragm
15. Flow Ring
16. Guide Ring
17. Cylinder Slide
18. Valve Body
19. Vacuum Breaker Friction Washer
20. Vacuum Breaker Insert
21. Vacuum Breaker Duckbill
22. Vacuum Breaker Tube
23. Vacuum Breaker Tube Nut
24. Spud Nut
25. Spud Friction Washer
26. Spud Sleeve
27. Spud Escutcheon
28. Tailpiece
29. Snap Ring
30. Tailpiece O-Ring
31. Locking Nut
32. Setscrew for Cast Wall Flange
33. Stop Body
34. Piston Seal
35. Piston
36. Stop Spring
37. Guide O-Ring
38. Piston Guide
39. Guide Holder
40. Adjusting Screw
41. Stop Cap
42. Snap Cap Screw Cover



Covers and Repair Kits	Product No.
Outside Cover - CP - Item 10	P6000-LL
Inside Cover - Item 11	P6000-L
Low Consumption Closet Kit - 1.6 gal. flush	P6000-ECR-WS1
Water Saving Closet Kit - 3.5 gal. flush	P6000-ECR-WS
Full Flow Closet Kit - 4.5 gal. flush	P6000-ECR-FF
Low Consumption Urinal Kit - 1.0 gal. flush	P6000-EUR-WS1
Water Saving Urinal Kit - 1.5 gal. flush	P6000-EUR-WS
Full Flow Urinal Kit - 3.0 gal. flush	P6000-EUR-FF

Repair Parts - Inside Parts	Product No.
Urinal Relief Valve - Item 12	P6000-EU13
Closet Relief Valve - Item 12	P6000-EC13

Aquaflush Rebuild Kits	Product No.
Items 4-9, 12, 13, 15-17, 26	P6000-ECR-WS-RK P6000-ECR-WS1-RK P6000-EUR-WS-RK P6000-EUR-WS1-RK
Items 4-9, 12, 13, 15-17, 26	P6000-ECR-WS-RK P6000-ECR-WS1-RK P6000-EUR-WS-RK P6000-EUR-WS1-RK
Items 4-9, 12, 13, 15-17, 26	P6000-ECR-WS-RK P6000-ECR-WS1-RK P6000-EUR-WS-RK P6000-EUR-WS1-RK
Items 4-9, 12, 13, 15-17, 26	P6000-ECR-WS-RK P6000-ECR-WS1-RK P6000-EUR-WS-RK P6000-EUR-WS1-RK

Handle Assembly and Repair Kits	Product No.
ADA Handle Assembly (Side) Includes Items 2-9	P6000-M-ADA
Handle Repair Kit (Side) Includes Items 4-9	P6000-MK
Handle Seal Includes Item 8	P6000-M9
Handle Gasket Includes Item 9	P6000-M10
Repair Kit for Front Operation - Exposed Includes Items 4-9	P6000-MHK
Handle Assembly (Front) Includes Items 2-9	P6000-MH

Control Stop Repair Kit and Parts	Product No.
Control Stop Repair Kit for 1" and 3/4" Includes Items 30-36	P6000-D-SD
Seal Seat for 1" and 3/4", Includes Item 30	P6000-D42
VP Control Stop Repair Kit for 1" and 3/4"	P6000-D-VP
Sweat Solder Connection with Cast Wall Flange	P6000-YB

Adjustable Tailpieces	Product No.
Adjustable Tailpiece for Standard Flush Valve Includes Items 24-26	P6000-J1
Tailpiece Coupling Assembly Includes Items 25-27	P6000-K
Tailpiece Locking Ring Includes Item 25	P6000-C30
Tailpiece O-Ring Includes Item 26	P6000-C31
Coupling Nut Includes Item 27	P6000-C32

Flush Connections and Spud Coupling Kits	Product No.
Flush Tube Assembly for Flush Valves Includes Items 15-19. Specify diameter and length.	P6000-A
Vacuum Breaker Repair Kit Includes Items 15-17	P6000-B
Spud Coupling Assembly Includes Items 20-23. Specify size.	P6000-H

Aquaflush Trouble Shooting Guide

Problem	Cause*	Corrective Action*
Valve will not operate.	1.) Stop valve is closed. 2.) Supply valve is closed.	1.) Open stop valve. 2.) Open supply valve.
Insufficient volume of water to adequately siphon fixture.	1.) Stop valve is not open enough. 2.) Urinal trip mechanism installed in wrong kit, urinal for closet. 3.) Insufficient volume or pressure at supply.	1.) Open stop valve for desired volume of water. 2.) Replace urinal part with proper closet valve part. 3.) If gauges are not available to measure supply pressure or volume of water at the valve, completely remove the working parts and open the stop valve to allow water to pass through the empty valve. If the supply is adequate to siphon the fixture, the guide ring (#16) may be removed from the guide assembly to provide additional flow (see page 5). Should this prove unsatisfactory, steps should be taken to increase the pressure and/or supply.
Flush valve shuts off too quickly.	1.) Damaged or punctured diaphragm. 2.) Enlarged by-pass orifice.	1.) Install new P6000-EUR or P6000-ECR replacement kit to remedy the problem. (#12 thru #17) 2.) Install new P6000-EUR or P6000-ECR replacement kit to remedy the problem. (#12 thru #17)
Valve is short flushing.	1.) Diaphragm kit is not matched to the fixture. 2.) Urinal trip mechanism (black #12) is in the closet flush valve.	1.) Install the proper P6000-EUR or P6000-ECR replacement kit to remedy the problem. (#12 thru #17) 2.) Install closet trip mechanism (white #12).
Valve is flushing too long or not shutting off.	1.) Trip mechanism not seating properly due to foreign material between trip mechanism and retainer disc. 2.) By-pass orifice is plugged or partially plugged. 3.) Line pressure is not adequate to force trip mechanism to seal. 4.) Cracked cover. (#11)	1.) Disassemble parts and rinse thoroughly. 2.) Examine by-pass orifice and clean if necessary being certain not to enlarge orifice opening. 3.) Pressure is inadequate or has dropped below minimum operating range. Steps should be taken to increase the line pressure. 4.) Replace cover with new one.
Water splashes out of fixture.	1.) Supply volume is more than is necessary. 2.) Lime accumulation on vortex or spreader holes of fixture.	1.) Adjust downward on control stop. 2.) Remove the lime build up.
Flush is not considered quiet.	1.) Control stop may not be adjusted for quiet operation. 2.) Fixture may be contributing to noise. 3.) Piping system may be source of noise.	1.) Adjust the control stop for quiet operation keeping in mind the fixture evacuation requirements. 2.) Check noise created by fixture by placing a cover over the bowl opening to separate valve noise from bowl noise. If it is determined the fixture is too noisy consult with fixture manufacturer. 3.) High pressure in the system can sometimes be controlled by the stop valve. Other sources of noise may be the absence of air chambers and shock arrestors, loose pipes, improper size pipes, etc. In these cases the building engineer should be consulted.
Handle assembly leaking.	1.) Handle assembly is not tight.	1.) Tighten handle assembly.

Care of Chrome-Plated Surfaces

The suggested cleaning of chrome-plated surfaces is simply to clean them with mild soap and water, then dry. Commercial cleaning compounds are never recommended.

Seasonal Use

Valves used in installations subject to shut down because of cold and freezing conditions should be maintained in the following manner. After the main supply has been shut off and the water drained from the system, remove the stop valve cap and stop valve internals to allow the water to drain from the flush valve itself.

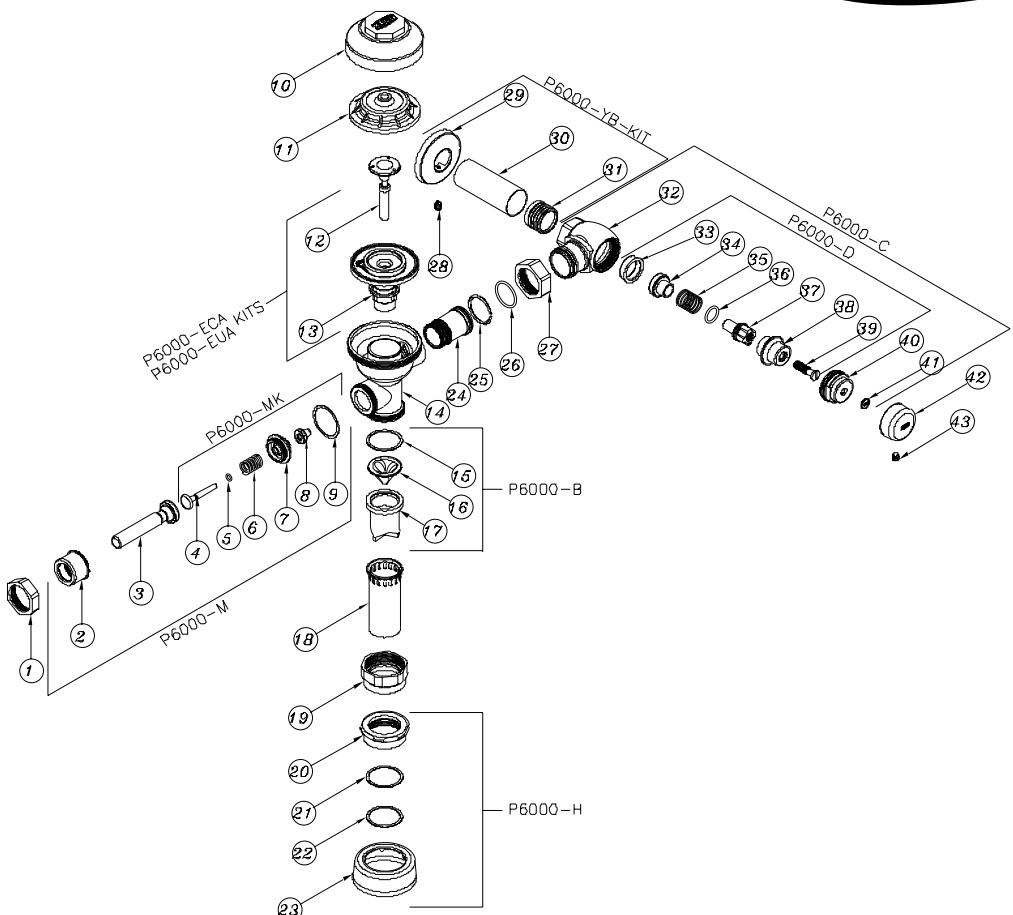
*See previous page for numerical references.

AquaVantage™ Repair Kits



Parts Identification

1. Handle Nut
2. Handle Sleeve and Insert
3. Low Force/ADA Compliant Handle
4. Actuator Rod
5. Handle O-Ring
6. Handle Spring
7. Handle Retainer
8. Handle Seal
9. Gasket
10. Valve Body Cover
11. Plastic Cover
12. Trip Mechanism
13. Diaphragm Repair Kit
14. Valve Body
15. Vacuum Breaker Friction Washer
16. Vacuum Breaker Insert
17. Vacuum Breaker Duckbill
18. Vacuum Breaker Tube
19. Vacuum Breaker Tube Nut
20. Spud Nut
21. Spud Friction Washer
22. Spud Sleeve
23. Spud Escutcheon
24. Tailpiece
25. Snap Ring
26. Tailpiece O-Ring
27. Locking Nut
28. Setscrew for Cast Wall Flange
29. Cast Wall Escutcheon
30. Supply Cover Tube
31. Sweat Solder Adapter
32. Stop Body
33. Piston Seal
34. Piston
35. Stop Spring
36. Guide O-Ring
37. Piston Guide
38. Guide Holder
39. Adjusting Screw
40. Stop Cap
41. Snap Cap Screw Cover
42. Vandal-Resistant Control Stop Cover
43. Setscrew for Control Stop Cover



Covers and Repair Kits	Product No.
Outside Cover - CP – Item 10	P6000-LL
Inside Cover – Item 11	P6000-L
Low Consumption Closet Kit – 1.6 gal. flush	P6000-ECA-WS1
Water Saving Closet Kit – 3.5 gal. flush	P6000-ECA-WS
Full Flow Closet Kit – 4.5 gal. flush	P6000-ECA-FF
Low Consumption Urinal Kit – 1.0 gal. flush	P6000-EUA-WS1
Water Saving Urinal Kit – 1.5 gal. flush	P6000-EUA-WS
Full Flow Urinal Kit – 3.0 gal. flush	P6000-EUA-FF

Repair Parts – Inside Parts	Product No.
Urinal Relief Valve – Item 12	P6000-EU13
Closet Relief Valve – Item 12	P6000-EC13

AquaVantage Rebuild Kits	Product No.
Closet and Urinal Rebuild Kits Include Items 4-9, 12, 13, 15-17, 26	P6000-ECA-WS-RK P6000-ECA-WS1-RK P6000-EUA-WS-RK P6000-EUA-WS1-RK

Handle Assembly and Repair Kits	Product No.
ADA Handle Assembly (Side) Includes Items 2-9	P6000-M-ADA
Handle Repair Kit (Side) Includes Items 4-9	P6000-MK
Handle Seal Includes Item 8	P6000-M9
Handle Gasket Includes Item 9	P6000-M10
Repair Kit for Front Operation - Exposed Includes Items 4-9	P6000-MHK
Handle Assembly (Front) Includes Items 2-9	P6000-MH

Control Stop Repair Kit and Parts	Product No.
Control Stop Repair Kit for 1" and 3/4", Includes Items 33-39	P6000-D-SD
Seal Seat for 1" and 3/4", Includes Item 33	P6000-D42
VP Control Stop Repair Kit for 1" and 3/4", Includes Items 33-39	P6000-D-VP
Sweat Solder Connection with Cast Wall Flange Includes Items 29-31	P6000-YB

Adjustable Tailpieces	Product No.
Adjustable Tailpiece for Standard Flush Valve Includes Items 24-26	P6000-J1
Tailpiece Coupling Assembly Includes Items 25-27	P6000-K
Tailpiece Locking Ring Includes Item 25	P6000-C30
Tailpiece O-Ring Includes Item 26	P6000-C31
Coupling Nut Includes Item 27	P6000-C32

Flush Connections and Spud Coupling Kits	Product No.
Flush Tube Assembly for Flush Valves Includes Items 15-19. Specify diameter and length.	P6000-A
Vacuum Breaker Repair Kit Includes Items 15-17	P6000-B
Spud Coupling Assembly Includes Items 20-23. Specify size.	P6000-H

AquaVantage™ Trouble Shooting Guide

Problem	Cause*	Corrective Action*
Valve will not operate.	1.) Stop valve is closed. 2.) Supply valve is closed.	1.) Open stop valve. 2.) Open supply valve.
Insufficient volume of water to adequately siphon fixture.	1.) Stop valve is not open enough. 2.) Urinal trip mechanism installed in wrong kit, urinal for closet. 3.) Insufficient volume or pressure at supply.	1.) Open stop valve for desired volume of water. 2.) Replace urinal part with proper closet valve part. 3.) If gauges are not available to measure supply pressure or volume of water at the valve, completely remove the working parts and open the stop valve to allow water to pass through the empty valve. If the supply is adequate to siphon the fixture, the guide ring (#17) may be removed from the guide assembly to provide additional flow. Should this prove unsatisfactory, steps should be taken to increase the pressure and/or supply.
Flush valve shuts off too quickly.	1.) Damaged or punctured diaphragm.	1.) Install new P6000-EUA or P6000-ECA replacement kit to remedy the problem. (#12 and #13)
Valve is short flushing.	1.) Diaphragm kit is not matched to the fixture. 2.) Urinal trip mechanism (black #12) is in the closet flush valve.	1.) Install the proper P6000-EUA or P6000-ECA replacement kit to remedy the problem. (#12 and #13) 2.) Install closet trip mechanism (white #12).
Valve is flushing too long or not shutting off.	1.) Trip mechanism not seating properly due to foreign material between trip mechanism and retainer disc. 2.) By-pass orifice is plugged or partially plugged. 3.) Line pressure is not adequate to force trip mechanism to seal. 4.) Cracked cover. (#11)	1.) Disassemble parts and rinse thoroughly. 2.) Examine by-pass orifice and clean if necessary being certain not to enlarge orifice opening. 3.) Pressure is inadequate or has dropped below minimum operating range. Steps should be taken to increase the line pressure. 4.) Replace cover with new one.
Water splashes out of fixture.	1.) Supply volume is more than is necessary. 2.) Lime accumulation on vortex or spreader holes of fixture.	1.) Adjust downward on control stop. 2.) Remove the lime build up.
Flush is not considered quiet.	1.) Control stop may not be adjusted for quiet operation. 2.) Fixture may be contributing to noise. 3.) Piping system may be source of noise.	1.) Adjust the control stop for quiet operation keeping in mind the fixture evacuation requirements. 2.) Check noise created by fixture by placing a cover over the bowl opening to separate valve noise from bowl noise. If it is determined the fixture is too noisy consult with fixture manufacturer. 3.) High pressure in the system can sometimes be controlled by the stop valve. Other sources of noise may be the absence of air chambers and shock arrestors, loose pipes, improper size pipes, etc. In these cases the building engineer should be consulted.
Handle assembly leaking.	1.) Handle assembly is not tight.	1.) Tighten handle assembly.
Water drips from chrome cap.	1.) P6000-L inside plastic cap is cracked.	1.) Replace P6000-L plastic cap.

Care of Chrome Plated Surfaces

The suggested cleaning of chrome plated surfaces is simply to clean them with mild soap and water, then dry. Commercial cleaning compounds are never recommended.

Seasonal Use

Valves used in installations subject to shut down because of cold and freezing conditions should be maintained in the following manner. After the main supply has been shut off and the water drained from the system, remove the stop valve cap and stop valve internals to allow the water to drain from the flush valve itself.

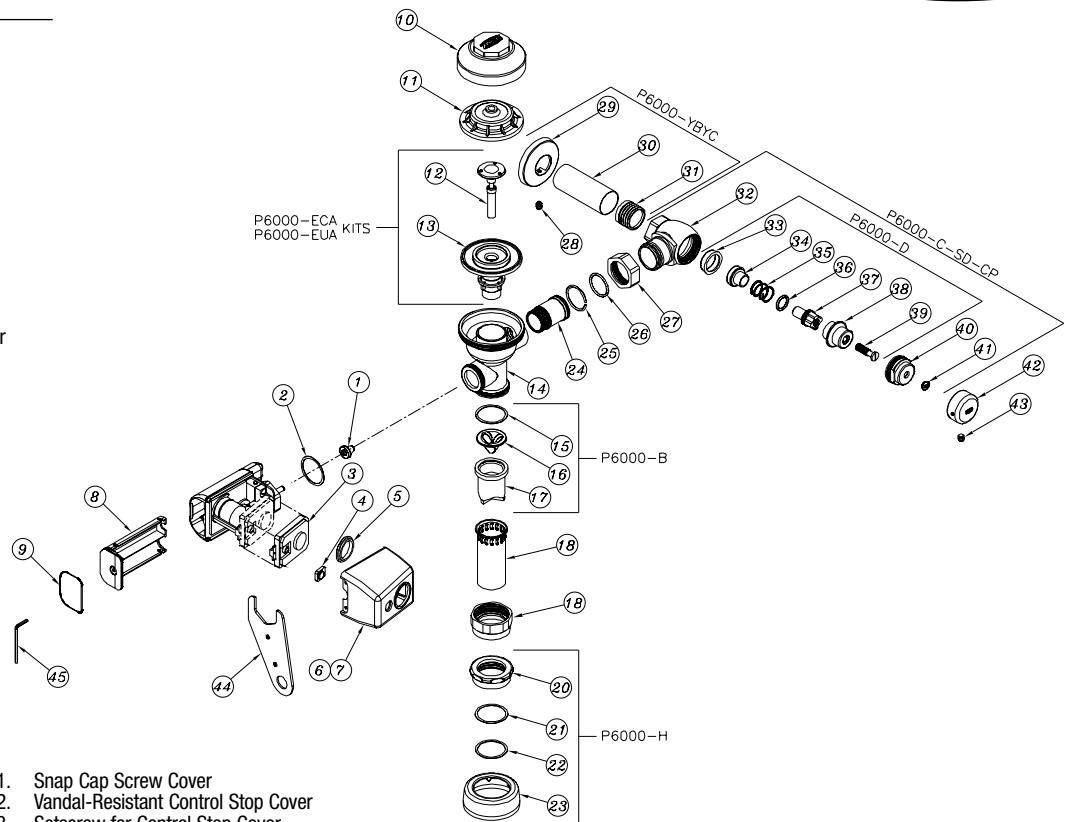
*See previous page for numerical references.

AquaVantage® Exposed E-Z Flush Repair Kits



Parts Identification

- 1.* Seal
- 2.* Collar Gasket
3. Sensor Module
- 4.* Manual Override Push Button
5. Replacement Sensor Lens
6. Chrome Plastic Cover
7. Chrome Metal Cover
8. Battery Drawer
- 9.* O-Ring
10. Valve Body Cover
11. Plastic Cover
12. Trip Mechanism
13. Diaphragm Repair Kit
14. Valve Body
15. Vacuum Breaker Friction Washer
16. Vacuum Breaker Insert
17. Vacuum Breaker Duckbill
18. Vacuum Breaker Tube
19. Vacuum Breaker Tube Nut
20. Spud Nut
21. Spud Friction Washer
22. Spud Sleeve
23. Spud Escutcheon
24. Tailpiece
25. Snap Ring
26. Tailpiece O-Ring
27. Locking Nut
28. Setscrew for Cast Wall Flange
29. Cast Wall Escutcheon
30. Supply Cover Tube
31. Sweat Solder Adaptor
32. Stop Body
33. Piston Seal
34. Piston
35. Stop Spring
36. Guide O-Ring
37. Piston Guide
38. Guide Holder
39. Adjusting Screw
40. Stop Cap
41. Snap Cap Screw Cover
42. Vandal-Resistant Control Stop Cover
43. Setscrew for Control Stop Cover
44. Handle Nut Wrench
45. Allen Wrench



Covers and Repair Kits	Product No.
Outside Cover - CP – Item 10	P6000-LL-CP
Inside Cover – Item 11	P6000-L
Low Consumption Closet Kit – 1.6 gal. flush	P6000-ECA-WS1
Water Saving Closet Kit – 3.5 gal. flush	P6000-ECA-WS
Full Flow Closet Kit – 4.5 gal. flush	P6000-ECA-FF
Low Consumption Urinal Kit – 1.0 gal. flush	P6000-EUA-WS1
Water Saving Urinal Kit – 1.5 gal. flush	P6000-EUA-WS
Full Flush Urinal Kit – 3.0 gal. flush	P6000-EUA-FF

Repair Parts – Inside Parts	Product No.
Urinal Relief Valve – Item 12	P6000-EU13
Closet Relief Valve – Item 12	P6000-EC13

AquaVantage Rebuild Kits	Product No.
Closet and Urinal Rebuild Kits Include Items 12, 13, 15-17, 26	P6000-ECA-WS-RK P6000-ECA-WS1-RK P6000-EUA-WS-RK P6000-EUA-WS1-RK

Handle Assembly and Repair Kits	Product No.
Chrome Plastic Cover – Item 6	PERK6000-L-CPCR
Chrome Metal Cover – Item 7	PERK6000-L-CPMCR
Replacement Sensor Lens – Item 5	PERK6000-SCR
Battery Drawer – Item 8	PERK6000-BD
*Repair Kit Includes Item 1, Item 2, Item 4 and Item 9	PERK6000-RK
Sensor Module	PERK6000-SR

Control Stop Repair Kit and Parts	Product No.
Control Stop Repair Kit for 1" and 3/4", Includes Items 33-39	P6000-D-SD
Seal Seat for 1" and 3/4", Includes Item 33	P6000-D42
VP Control Stop Repair Kit for 1" and 3/4", Includes Items 33-39	P6000-D-VP
Sweat Solder Connection with Cast Wall Flange, Includes Items 29-31	P6000-YBYC

Adjustable Tailpieces	Product No.
Adjustable Tailpiece for Standard Flush Valve, Includes Items 24-26	P6000-J1
Tailpiece Coupling Assembly, Includes Items 25-27	P6000-K
Tailpiece Locking Ring, Includes Item 25	P6000-C30
Tailpiece O-Ring, Includes Item 26	P6000-C31
Coupling Nut, Includes Item 27	P6000-C32

Flush Connections and Spud Coupling Kits	Product No.
Flush Tube Assembly for Flush Valves, Includes Items 15-19. Specify diameter and length.	P6000-A
Vacuum Breaker Repair Kit, Includes Items 15-17	P6000-B
Spud Coupling Assembly, Includes Items 20-23. Specify size.	P6000-H

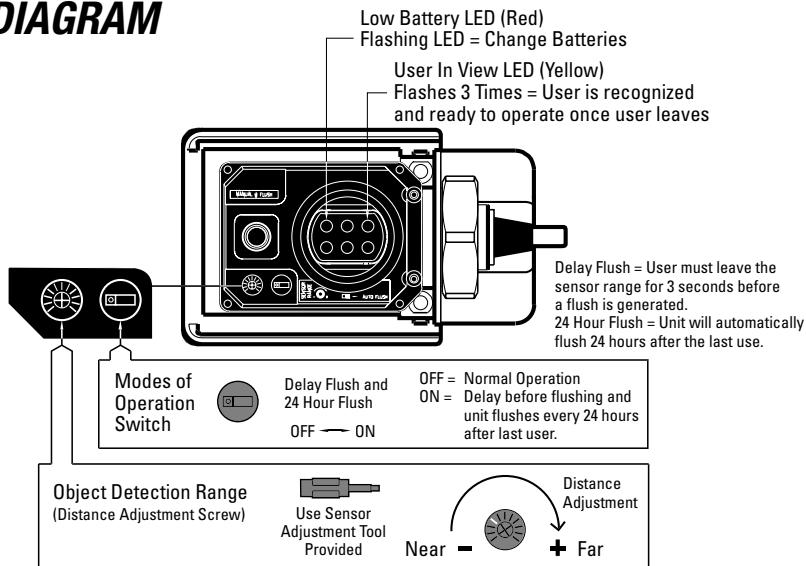
TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
Yellow L.E.D. light flashes 3 times when there are no users.	Front of sensor is covered or sensor is set too far out, registering the opposite wall or door as a user.	Remove item covering sensor or adjust sensor activation distance. (See 11 – “Adjusting the E-Z Flush.”)
Yellow L.E.D. light flashes continuously when sensor is activated by a user.	E-Z Flush unit is in 10-minute start-up mode (when first activated).	Yellow L.E.D. light will flash only 3 times, acknowledging a user is in view after the 10-minute start-up mode.
Red L.E.D. light flashes.	Batteries need replacing.	Replace batteries.
Not enough water to fixture or too much water to fixture.	Diaphragm damaged or valve control stop improperly adjusted.	Replace diaphragm and/or adjust valve control stop.
Valve will not operate.	Sensor range set too close to E-Z Flush, batteries are dead, or water supply is turned off.	Adjust sensor, replace batteries, or turn water on. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.
Valve does not shut off.	Dirt or debris preventing diaphragm from functioning properly.	Remove dirt or debris, check by-pass hole in diaphragm.
Valve does not flush even after sensor has been adjusted.	Batteries are dead.	Replace batteries. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.



ZERK-CP Chrome-Plated Cover Automatic Sensor Retrofit Kit For Urinals and Toilets

WIRING DIAGRAM

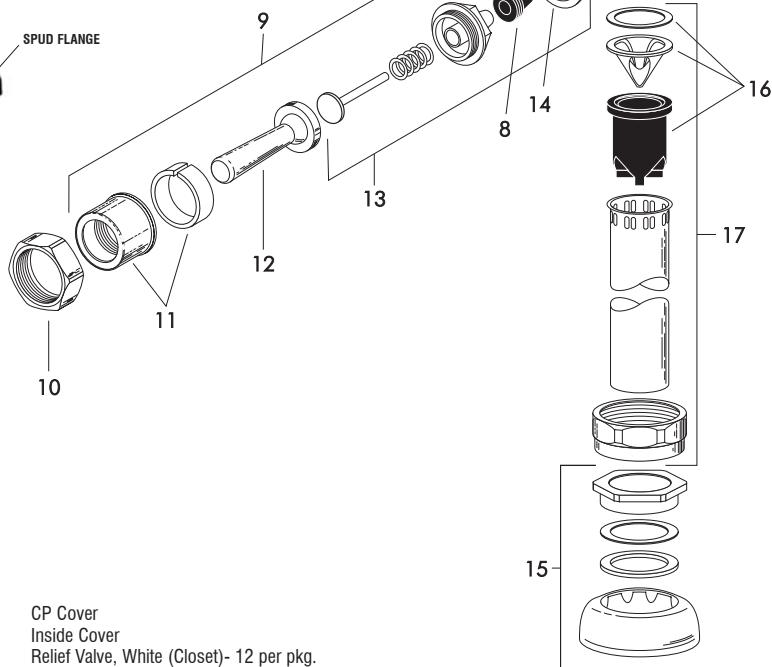
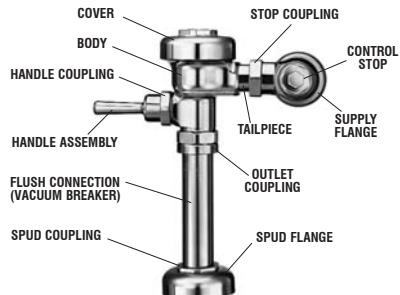


TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION TO PROBLEM
Yellow L.E.D. light flashes 3 times when there are no users.	Front of sensor is covered or sensor is set too far out, registering the opposite wall or door as a user.	Remove item covering sensor or adjust sensor activation distance. (See Step 7 – “To Change Sensor Activation Distance.”)
Yellow L.E.D. light flashes continuously when sensor is activated by a user.	E-Z Flush unit is in 10-minute start-up mode (when first activated).	Yellow L.E.D. light will flash only 3 times, acknowledging a user is in view after the 10-minute start-up mode.
Red L.E.D. light flashes.	Batteries need replacing.	Replace batteries.
Not enough water to fixture or too much water to fixture.	Diaphragm damaged or valve control stop improperly adjusted.	Replace diaphragm and/or adjust valve control stop.
Valve will not operate.	Sensor range set too close to E-Z Flush, batteries are dead, or water supply is turned off.	Adjust sensor, replace batteries, or turn water on. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.
Valve does not shut off.	Dirt or debris preventing diaphragm from functioning properly.	Remove dirt or debris, consult valve manufacturer's directions.
Valve does not flush even after sensor has been adjusted.	Batteries are dead.	Replace batteries. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.

ZURN INDUSTRIES, INC. COMMERCIAL BRASS OPERATION
5900 ELWIN BUCHANAN DRIVE, SANFORD, NC, U.S.A. 27330 PHONE: 1-800-997-3876 FAX: 919/775-3541 WEBSITE: www.zurn.com
ZURN INDUSTRIES LIMITED 3544 NASHUA DRIVE, MISSISSAUGA, ONTARIO L4V 1L2 PHONE: 905/405-8272 FAX: 905/405-1292

Regal®
Flushometer
Maintenance Guide



PARTS LIST

1. 0317004	R-10	CP Cover
2. 0301168	A-71	Inside Cover
3A. 5301058	A-19-AC	Relief Valve, White (Closet)- 12 per pkg.
3B. 5301059	A-19-AU	Relief Valve, Black (Urinal)- 12 per pkg.
3C. 5301211	A-19-ALC	Relief Valve, Green (Closet/Urinal-LC)- 12 per pkg.
3D. 5301143	A-19-AL	Relief Valve, Blue (9 Liter Closet)- 12 per pkg.
4. 5301111	A-15-A	Disc - for all Inside Parts Kits - 12 per pkg.
5. 5301188	A-156-A	Diaphragm - for all Inside Parts Kits - 12 per pkg.
6A. 5301236	A-163-A	Guide Assem. 4.5 gpf/17.0 Lpf Closet & 1.5 gpf/5.7 Lpf Urinal -12 per pkg.
6B. 5301032	A-152-A	Guide Assem. 3.5 gpf/13.2 Lpf Closet - 12 per pkg.
6C. 5301031	A-151-A	Guide Assem. 1.6 gpf/6.0 Lpf LC Closet - 12 per pkg.
6D. 5301155	A-155-A	Guide Assem. 1.0 gpf/3.8 Lpf LC Urinal - 12 per pkg.
6E. 5301157	A-157-A	Guide Assem. 0.5 gpf/1.9 Lpf Urinal - 12 per pkg.
7.	SEE INSIDE PARTS KITS CHART ON THE REVERSE SIDE	
8. 5302297	B-39	Seal - 12 per pkg.
9. 5302279	B-32-A	CP Handle Assem. - 6 per pkg.
0302390	B-73	CP Handicap Handle Assem. (A.D.A. Compliant)
10. 0301082	A-6	CP Handle Coupling
11. 0302109	B-7-A	CP Socket Assem.
12. 5302274	B-32	CP Handle Grip - 12 per pkg.
0302389	B-74-A	CP Handicap Handle Grip (A.D.A. Compliant)
13. 5302305	B-50-A	Handle Repair Kit - 6 per pkg.
14. 5301139	A-31	Handle Gasket - 48 per pkg.
15. 0306102	F-54-A	3/4" CP Spud Coupling Assem
0306142	F-55-A	11/4" CP Spud Coupling Assem.
0306145	F-56-A	11/2" CP Spud Coupling Assem.
16. 5323192	V-551-A	Vacuum Breaker Repair Kit
17. 5323005	V-500-AA	3/4" x 9" CP Vacuum Breaker - 6 per pkg.
5323006	V-500-AA	11/4" x 9" CP Vacuum Breaker - 6 per pkg.
5323007	V-500-AA	11/2" x 9" CP Vacuum Breaker - 6 per pkg.
18. 0308676	H-550	CP Stop Coupling
19. 0308801	H-551-A	CP Adjustable Tailpiece 21/16" long
20. 5308696	H-553	O-Ring - 24 per pkg.

The Repair Kits and Parts listed on this page are designed to service all Sloan Diaphragm type Flushometers, including those manufactured for Low Consumption (LC) usage.

Each item has been identified by a Part Number and a corresponding Code Number. To expedite your replacement requirements, order by Code Number.

ABBREVIATIONS:

Assem. = Assembly
 CP = Chrome Plated
 gpf = gallons per flush
 Lpf = Liters per flush
 LC = Low Consumption
 pkg = package
 w/ = with

21. 0388029	H-740-A	1" Screwdriver Bak-Chek® Stop CP - complete
0388031	H-740-A	3/4" Screwdriver Bak-Chek® Stop CP - complete
22. 3308853	H-541-A	1" Control Stop Repair Kit *
3308856	H-543-A	3/4" Control Stop Repair Kit **
23. 0308991	H-639	CP Bonnet *
0308601	H-538	CP Bonnet **
24. 5308156	H-37	CP Cap - 6 per pkg.
25. 5310034	J-2/J-7	Bumper Assem. - 6 per pkg.

* for use with H-740 1" & 3/4" and H-540-A 1" Screwdriver Bak-Chek® Control Stops

** for use with H-540-A 3/4" Screwdriver Bak-Chek® Control Stops

MASTER FLUSHOMETER REBUILDING KITS

Includes Items 7-13-16 & 20

CODE NO.	KIT NO.	DESCRIPTION
3317001	R-1001-A	Rebuild Kit (4.5 gpf/17.0 Lpf) Closet/Service Sink
3317002	R-1002-A	Rebuild Kit (1.5 gpf/5.7 Lpf) Urinal
3317003	R-1003-A	Rebuild Kit (3.5 gpf/13.2 Lpf) Closet
3317004	R-1004-A	Rebuild Kit (1.6 gpf/6.0 Lpf) Closet
3317005	R-1005-A	Rebuild Kit (1.0 gpf/3.8 Lpf) LC Urinal
3317011	R-1011-A	Rebuild Kit (0.5 gpf/1.9 Lpf) Urinal
3317012	R-1012-A	Rebuild Kit (2.4 gpf/9.0 Lpf) Closet

WASHER SET

3301089	A-156-AA	Washer Set - Includes: 4, 5, 8 & 14
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The information contained in this document is subject to change without notice.

SLOAN VALVE COMPANY • 10500 SEYMOUR AVENUE • FRANKLIN PARK, IL 60131

Phone: 1-800-9-VALVE-9 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380 • <http://www.sloanvalve.com>

Troubleshooting and Maintaining the Sloan Regal® Flushometer

1. PROBLEM: Flushometer does not function.

CAUSE:

- (a.) Control Stop or Main Valve is closed.
- (b.) Handle Assembly is worn.
- (c.) Relief Valve is worn.

SOLUTION:

- (a.) Open Control Stop or Main Valve.
- (b.) Install Sloan Handle Repair Kit (B-50-A) or replace handle.
- (c.) Replace Inside Parts Kit.

2. PROBLEM: Insufficient volume of water to adequately siphon fixture.

CAUSE:

- (a.) Control Stop not open enough.
- (b.) Urinal Flushometer Parts inside a Closet Flushometer.
- (c.) Low Consumption Flushometer installed on a non-Low Consumption fixture.
- (d.) Water Saver Kit installed in old, non-Water Saver bowl.
- (e.) Inadequate volume or pressure at supply.

SOLUTION:

- (a.) Adjust Control Stop for desired delivery of water.
- (b.) Replace Inside Urinal Parts with proper Closet Flushometer Parts.
- (c.) Replace A-41-A Inside Parts Kit with A-38-A Water Saver Kit.
- (d.) Position Refill Head A-170 so that SIDE 1 is in the UP Position.
- (e.) If no gauges are available to properly measure supply pressure or volume of water at the Flushometer, then remove the Relief Valve from the Inside Parts Kit, reassemble the Flushometer and open the Control Stop.
 - If the fixture siphons, more water volume is required. If a 3.5 gpf Inside Parts Kit is installed in the Flushometer, then first flip the Refill Head (under the Diaphragm) to obtain a 4.5 gpf volume. If this volume is still inadequate, remove the Flow Ring from the Guide to obtain a 6.5 gpf Kit. If additional flow is still required, try a Low Pressure Guide Kit A-175-A (# 0301104). **IMPORTANT: Laws and Regulations requiring Low Consumption Fixtures (1.6 gpf Water Closets and 1.0 gpf Urinals) prohibit the use of higher flushing volumes.**
 - If fixture does not siphon or if a Low Consumption fixture is installed, or if the above steps do not prove satisfactory, steps must be taken to increase the pressure and/or supply.

3. PROBLEM: Flushometer closes off immediately.

CAUSE:

- (a.) Ruptured or damaged Diaphragm.
- (b.) Enlarged By-Pass orifice from corrosion or damage.

SOLUTION:

- Install Inside Parts Kit to correct above problems and update Flushometer.

4. PROBLEM: Length of flush is too short (Short Flushing).

CAUSE:

- (a.) Diaphragm Assembly and Guide Assembly are not hand-tight.
- (b.) Enlarged By-pass orifice from corrosion or damage.
- (c.) A-19-AU (Black) Urinal Relief Valve in Closet Flushometer.
- (d.) A-41-A Low Consumption Kit installed in non-Low Consumption fixture.
- (e.) Handle Assembly is worn.

SOLUTION:

- (a.) Screw the two assemblies hand-tight.
- (b.) Install NEW Inside Parts Kit to correct problem and update Flushometer.
- (c.) Replace Relief Valve with A-19-AC (White) Closet Relief Valve.
- (d.) Replace with proper Inside Parts Kit.
- (e.) Install Handle Repair Kit B-50-A or replace the Handle.

5. PROBLEM: Length of flush is too long (Long Flushing) or fails to close off.

CAUSE:

- (a.) Relief Valve (A-19-A) is not seating properly or Bypass orifice is clogged because of foreign material, or Bypass orifice is closed by an invisible gelatinous film from "over-treated" water. Line pressure has dropped and is not sufficient to force Relief Valve to seat.
- (c.) A-19-AC (White) Closet Relief Valve has been used in a 1 or 1 1/2 gpf Urinal.
- (d.) Inside Cover is cracked or damaged.

SOLUTION:

- (a.) Disassemble the working parts and wash thoroughly.

NOTE: SIZE OF ORIFICE IN THE BY-PASS IS OF UTMOST IMPORTANCE FOR PROPER METERING OF WATER INTO THE UPPER CHAMBER OF THE FLUSHOMETER. DO NOT ENLARGE OR DAMAGE THIS ORIFICE. REPLACE INSIDE KIT IF CLEANING DOES NOT CORRECT PROBLEM.

- (b.) Shut off all control stops until pressure has been restored, then open them again.
- (c.) Replace with A-19-AU (Black) Relief Valve.
- (d.) Replace the Inside Cover (A-71).

6. PROBLEM: Chattering noise in Flushometer.

CAUSE:

- (a.) The A-156-A Segment Diaphragm has been installed upside-down.
- (b.) The Inside Cover has been distorted from wear, freezing or abuse.

SOLUTION:

- (a.) Replace the Segment Diaphragm to the proper position as instructed by markings on the Diaphragm.
- (b.) Replace Inside Cover.

7. PROBLEM: Leaking at Handle Assembly.

CAUSE:

- (a.) The B-39 Seal is worn or deteriorated.
- (b.) Handle gasket has been omitted.
- (c.) Valve Handle Bushing is worn.

SOLUTION:

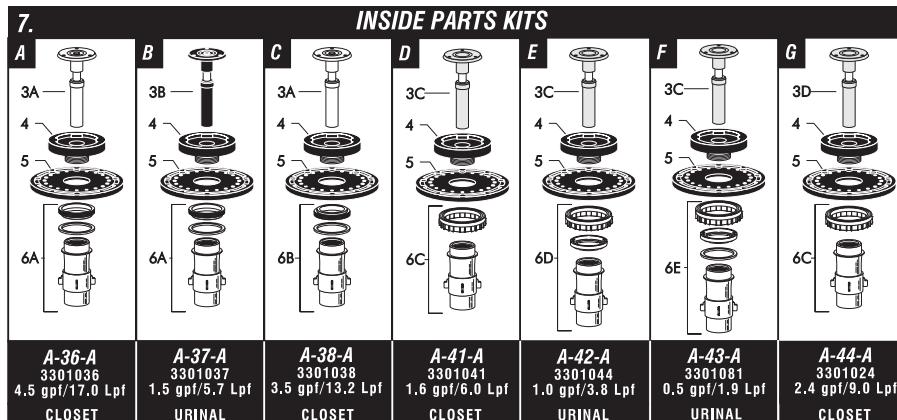
- (a.) Install new B-39 Seal. NOTE: The B-39 Seal will easily slide right onto the B-40 Bushing if it is wet.
- (b.) Install A-31 Handle Gasket or Sloan Handle Repair Kit (B-50-A).
- (c.) Install Sloan Handle Repair Kit (B-50-A).

CARE AND CLEANING INSTRUCTIONS

DO NOT use abrasive or chemical cleaners to clean Flushometers, they may dull the luster and attack the chrome or special decorative finishes. Use ONLY soap and water, then wipe dry with a clean towel or cloth.

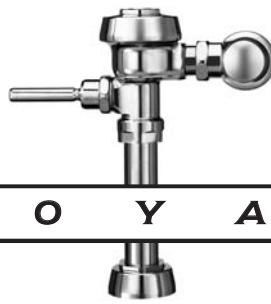
While cleaning the bathroom tile, the Flushometer should be protected from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.

If further assistance is required, please contact the Sloan Valve Company Installation Engineering Dept. at 1-888-SLOAN-14.



SLOAN VALVE COMPANY • 10500 SEYMOUR AVENUE • FRANKLIN PARK, IL 60131

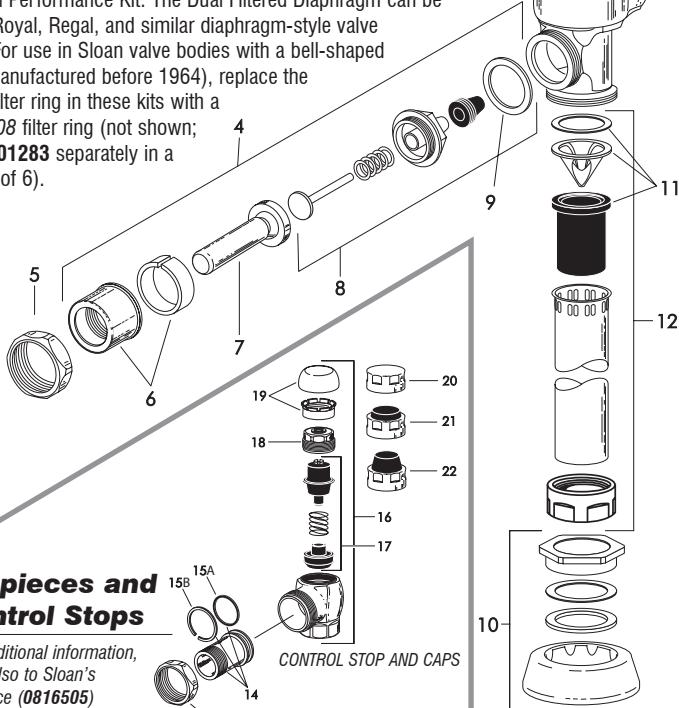
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The Dual Filtered Diaphragm™

Sloan's Dual Filtered Diaphragm helps prevent valve "run on" and has been an exclusive feature of the Royal Flushometer since January 1998. Sediment, present in most water supplies, may clog the metering bypass hole in traditional Flushometer valves and cause continuous operation or "run on." The dual patented filter rings on the Dual Filtered Diaphragm prevent sediment from reaching the bypass. This results in clog-free operation, eases valve maintenance, and reduces water usage. The Dual Filtered Diaphragm is factory assembled to assure an accurate flush delivery.

The Dual Filtered Diaphragm is available as a single drop-in kit (Diaphragm Assembly only) or as one of the exclusive components in the Royal Performance Kit. The Dual Filtered Diaphragm can be used in Royal, Regal, and similar diaphragm-style valve bodies. For use in Sloan valve bodies with a bell-shaped cover (manufactured before 1964), replace the bottom filter ring in these kits with a blue A-108 filter ring (not shown; order **5301283** separately in a package of 6).



Tailpieces and Control Stops

For additional information, refer also to Sloan's Tailpiece (**0816505**) and Control Stop (**0816333**) Maintenance Guides.

Parts List — Royal Flushometer Valve

Item	Code No.	Part No.	Description
1	0301172	A-72	CP Cover
2	0301168	A-71	Inside Cover
3	see below	—	Dual Filtered Diaphragm Assembly (refer to table and diagram below)
4	0302390	B-73-A	CP ADA-Compliant Triple Seal Handle Assembly
5	0301082	A-6	CP Handle Coupling
6	0302109	B-7-A	CP Socket Assembly
7	0302389	B-74-A	CP ADA-Compliant Handle
8	3302306	B-51-A	Triple Seal Handle Repair Kit
9	5301139	A-31	Handle Gasket (package of 48)
10	0306125	F-5-A	3/4" (19 mm) CP Spud Coupling Assembly
	0306140	F-5-A	1-1/4" (32 mm) CP Spud Coupling Assembly
	0306146	F-5-A	1-1/2" (38 mm) CP Spud Coupling Assembly
11	3323182	V-651-A	High Back Pressure Vacuum Breaker Repair Kit
12	3393004	V-600-AA	3/4"(19 mm) x 9" (228 mm) CP Vacuum Breaker
	3393006	V-600-AA	1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker
	3393007	V-600-AA	1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker
13	0308676	H-550	CP Stop Coupling
14	0308801	H-551-A	CP Adjustable Tailpiece (2-1/16"/52 mm long)
15A	5308696	H-553	O-Ring (package of 24)
15B	5308381	H-552	Locking Ring (package of 12)
16	3308386	H-700-A	1" (25 mm) CP Bak-Chek® Screwdriver Stop
	3308384	H-700-A	3/4" (19 mm) CP Bak-Chek® Screwdriver Stop
17	3308853	H-541-A	Control Stop Repair Kit †
	3308856	H-543-A	Control Stop Repair Kit ‡
18	0308612	H-622	CP Bonnet †
	0308843	H-577	CP Bonnet ‡
19	3308772	H-1010-A	Vandal Resistant Control Stop Cap Assembly †
	3308790	H-1009-A	Vandal Resistant Control Stop Cap Assembly ‡
20	0308840	H-573	Control Stop Cap CP †
	0308848	H-582	Control Stop Cap CP ‡
21	3308866	H-574	Control Stop Cap with Bumper † (-YO Variation)
	3308867	H-576	Control Stop Cap with Extended Bumper † (-YG Variation)

† Use with H-700-A (1"/25 mm and 3/4"/19 mm) and H-600-A (1"/25 mm) Bak-Chek® Screwdriver Control Stops.

‡ Use with H-600-A (3/4"/19 mm) Bak-Chek® Screwdriver Control Stops.

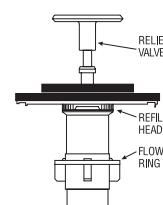
Sloan products are also available in Polished Brass, Lustre Gold, and Satin finishes — contact our Customer Service staff for code numbers. If you have any questions about installation, maintenance, or troubleshooting issues, call our Installation Engineering staff at 1-888-SLOAN-14.

NOTE: Each item is identified by a **Part Number** and a **Code Number**. Expedite processing by using our **Code Number**. Parts shown service all Sloan diaphragm-type Flushometers manufactured after 1964, including Low Consumption (LC) models.

ITEM 3: Dual Filtered Diaphragm™ Assembly •• Available in DIAPHRAGM ONLY and ROYAL Performance™ Kits

ROYAL Performance™ KIT includes Dual Filtered Diaphragm Assembly (Item 3), Handle Repair Kit with Triple Seal Packing (Item 8), High Back Pressure Vacuum Breaker Repair Kit (Item 11), and one Tailpiece O-Ring (Item 15). **DIAPHRAGM ONLY KIT** contains "drop-in" Dual Filtered Diaphragm Assembly (Item 3) ONLY.

Performance KIT Code No.	DIAPHRAGM ONLY KIT Code No.	Kit No.	Flush Volume	Use With	Relief Valve §	Refill Head □	Flow Ring
A 3301070 A-1101-A	3301502	A-1041-A	1.6 gpf (6.0 Lpf)	Low Consumption Water Closets	Green	Gray	Smooth
B 3301071 A-1102-A	3301501	A-1038-A	3.5 gpf (13.2 Lpf)	Water Saver Water Closets	White	Gray	Smooth
C 3301072 A-1103-A	3301505	A-1044-A	2.4 gpf (9.0 Lpf)	9 Liter European Water Closets	Blue	Gray	Smooth
D 3301073 A-1106-A	3301504	A-1043-A	0.5 gpf (1.9 Lpf)	Wash Down Urinals	Green	Black	Smooth & Slotted
E 3301074 A-1107-A	3301503	A-1042-A	1.0 gpf (3.8 Lpf)	Low Consumption Urinals	Green	Black	Slotted
F 3301075 A-1108-A	3301500	A-1037-A	1.5 gpf (5.7 Lpf)	Water Saver Urinals	Black	Black	Smooth



The colors of the Relief Valve and the Refill Head plus the shape of Flow Ring identify the Flush Volume of a DUAL FILTERED DIAPHRAGM ASSEMBLY.

■ Closet Refill Heads (Gray) have larger slots than Urinal Refill Heads (Black).

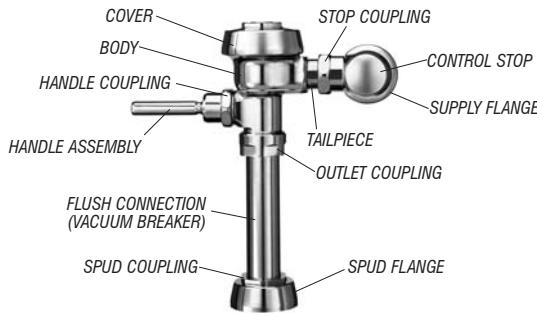
§ Consult Sloan Valve Company for availability of replacement plastic Relief Valves (Green, Black, Blue, and White) and brass Relief Valves.

NOTE: For older water closets that require 4.5 gpf (17.0 Lpf), choose kits shown on line B, but remove the Flow Ring before use. For blowout-style urinals that require 3.5 gpf (3.2 Lpf), choose kits shown on line B. For service sinks that require 6.5 gpf (24.6 Lpf), order **A-36-A** diaphragm repair kit (3301036; not shown above) and remove the Flow Ring before use. Regulations for Low Consumption fixtures prohibit the use of higher flush volumes.

NOTE: In January 1998, the Royal Diaphragm design was upgraded to a preassembled unit with two (2) plastic filtering rings attached to the rubber diaphragm (one on top and one on bottom). If the Flushometer you are servicing has our older, segmented diaphragm with brass bypass hole, refer to our Regal Maintenance Guide (0816185) for additional troubleshooting information.

Troubleshooting Guide

ATTENTION INSTALLERS: With the exception of the Control Stop inlet, DO NOT USE pipe sealant or plumbing grease on any valve component or coupling! To protect the chrome or special finish of Sloan Flushometers, DO NOT USE toothed tools to install or service these valves. Use our Sloan A-50 "Super-Wrench™" or other smooth-jawed wrench to secure couplings. Regulations for Low Consumption fixtures (1.6 gpf/6.0 Lpf closets and 1.0 gpf/3.8 Lpf urinals) prohibit use of higher flush volumes.



1. **PROBLEM:** Flushometer does not function (no flush).
 - CAUSE:** Control Stop or main supply valve is closed.
SOLUTION: Open Control Stop or main supply valve.
 - CAUSE:** Handle Assembly is damaged.
SOLUTION: Replace B-73-A Handle or repair with B-51-A Handle Repair Kit.
 - CAUSE:** Relief Valve is damaged.
SOLUTION: Replace Relief Valve.
2. **PROBLEM:** Handle leaks.
 - CAUSE:** Handle Seal or Handle Assembly is damaged.
SOLUTION: Replace B-73-A Handle or repair with B-51-A Handle Repair Kit.
3. **PROBLEM:** Water splashes from fixture.
 - CAUSE:** Control Stop is open wider than necessary.
SOLUTION: Adjust Control Stop for desired delivery of water volume.
 - CAUSE:** Water Saver/Conventional Diaphragm Assembly is installed on Low Consumption fixture or Closet Diaphragm Assembly is installed on Urinal fixture.
SOLUTION: Determine the required flush volume (see label on valve or markings on fixture). Replace Diaphragm Assembly or Relief Valve for appropriate flush volume of fixture.
4. **PROBLEM:** Volume of water is insufficient to adequately siphon fixture.
 - CAUSE:** Control Stop is not open wide enough.
SOLUTION: Adjust Control Stop for desired delivery of water volume.
 - CAUSE:** Diaphragm Assembly is damaged.
SOLUTION: Replace Diaphragm Assembly.
 - CAUSE:** Low Consumption Diaphragm Assembly is installed on Water Saver/Conventional fixture or Urinal Diaphragm Assembly is installed on Closet fixture.
SOLUTION: Determine the required flush volume (see label on valve or markings on fixture). Replace Diaphragm Assembly or Relief Valve for appropriate flush volume of fixture.
 - CAUSE:** Inadequate water volume or pressure is available from supply.
SOLUTION: Increase flow rate or pressure to the valve. If gauges are not available to measure supply pressure/volume, remove Relief Valve from Diaphragm Assembly and open the Control Stop. *If the fixture siphons:* Additional water volume is required. Install higher flushing volume Relief Valve or Diaphragm Assembly or cut Flow Ring from Guide. *If the fixture DOES NOT siphon (or a Low Consumption flush is required):* Additional steps must be taken to increase the water pressure and/or volume at the water supply. Contact fixture manufacturer for minimum supply requirements of fixture.

5. **PROBLEM:** Flushometer valve closes immediately (short flush).
 - CAUSE:** Worn or damaged Diaphragm Assembly.
SOLUTION: Replace Diaphragm Assembly.
 - CAUSE:** Handle Assembly is damaged.
SOLUTION: Replace B-73-A Handle or repair with B-51-A Handle Repair Kit.
 - CAUSE:** Low Consumption Diaphragm Assembly is installed on Water Saver/Conventional fixture or Urinal Diaphragm Assembly is installed on Closet fixture.
SOLUTION: Determine the required flush volume (see label on valve or markings on fixture). Replace Diaphragm Assembly or Relief Valve for appropriate flush volume of fixture.
6. **PROBLEM:** Length of flush is too long (long flush) or fails to shut off.
 - CAUSE:** Bypass hole (upper filter ring) of Diaphragm Assembly is dirty.
SOLUTION: Remove the Diaphragm Assembly. Disassemble the filter rings from the Diaphragm, wash under running water, and reassemble. Replace as necessary.
 - CAUSE:** Relief Valve or Diaphragm Assembly is damaged.
SOLUTION: Replace Relief Valve or Diaphragm Assembly.
 - CAUSE:** Water Saver/Conventional Diaphragm Assembly is installed on Low Consumption fixture or Closet Diaphragm Assembly is installed on Urinal fixture.
SOLUTION: Determine the required flush volume (see label on valve or markings on fixture). Replace Diaphragm Assembly or Relief Valve for appropriate flush volume of fixture.
 - CAUSE:** Inside Cover is damaged.
SOLUTION: Install new A-71 Inside Cover.
 - CAUSE:** Line water pressure dropped and is insufficient to close valve.
SOLUTION: Close the Control Stop until pressure is restored.
 - CAUSE:** Relief Valve is not seated properly.
SOLUTION: Disassemble Diaphragm components (Relief Valve, Filter Rings, and Diaphragm unit), wash under running water, and reassemble. Replace as necessary.
7. **PROBLEM:** Chattering noise is heard during flush.
 - CAUSE:** Inside Cover is damaged.
SOLUTION: Install new A-71 Inside Cover.
 - CAUSE:** Relief Valve or Diaphragm Assembly is damaged.
SOLUTION: Replace Relief Valve or Diaphragm Assembly.

Care and Cleaning Instructions

DO NOT USE abrasive or chemical cleaners to clean Flushometers that may dull the luster and attack the chrome or decorative finish. Use ONLY soap and water, then wipe dry with a clean towel or cloth. When cleaning the bathroom tile, protect the Flushometer from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.

If further assistance is required, please contact Sloan Valve Company Installation Engineering Department at

1-888-SLOAN-14 (1-888-756-2614).

LIMITED WARRANTY

Sloan Valve Company warrants its Flushometer Products to be made of first class materials, free from defects of material or workmanship under normal use and to perform the service for which they are intended in a thoroughly reliable and efficient manner when properly installed and serviced for a period of 3 years (1 year for special finishes) from date of purchase. During this period, Sloan Valve Company will, at its option, repair or replace any part or parts which prove to be thus defective if returned to Sloan Valve Company, at customer's cost, and this shall be the sole remedy available under this warranty. No claims will be allowed for labor, transportation or other incidental costs. This warranty extends only to those persons or organizations who purchase Sloan Valve Company's products directly from Sloan Valve Company for purpose of resale.

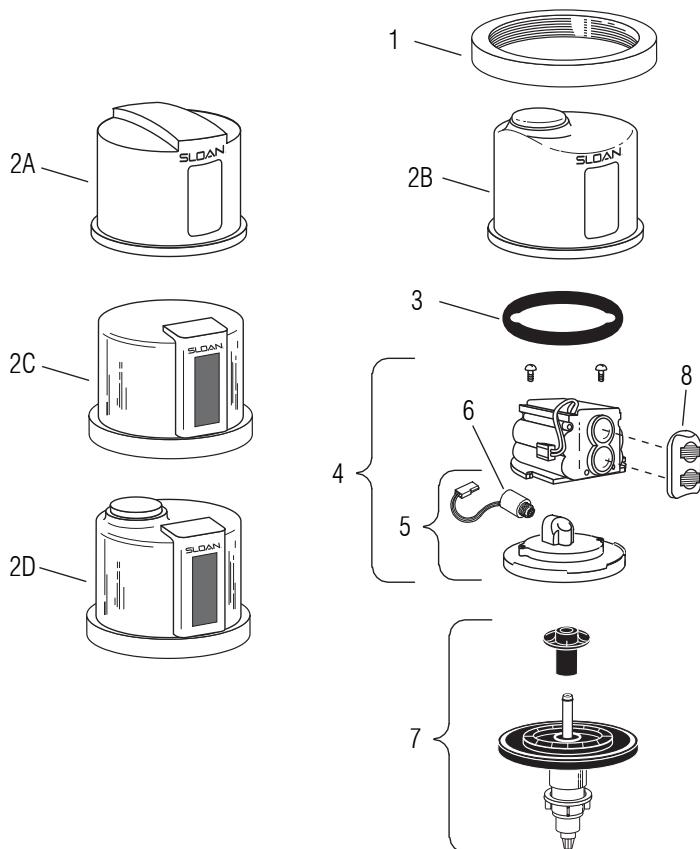
THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. IN NO EVENT IS SLOAN VALVE COMPANY RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY MEASURE WHATSOEVER.

The information contained in this document is subject to change without notice.

SLOAN VALVE COMPANY • 10500 SEYMOUR AVENUE • FRANKLIN PARK, IL 60131

Phone: 1-800-9-VALVE-9 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380 • <http://www.sloanvalve.com>

**For all Optima Plus produced from 1992 - 2003
And Regal Pro Optima Plus produced after May, 2003**



SENSOR MODULE COMPONENT PARTS

Item No.	Code No.	Part No.	Description
1.	0325804	EBV-14	Locking Ring
	3325524	EBV-31-A	Locking Ring for Zurn Valve Bodies
2A.	0325806	EBV-11	Cover (Urinal)
2B.	3325538	EBV-38-A	Cover w/Override Button (Water Closet)
2C.	3325012	EBV-55-A	Metal Cover Assembly (Urinal)
	3325017	EBV-1034-A	Metal Cover Assembly for Zurn Valve Body (Urinal)
2D.	3325013	EBV-60-A	Metal Cover Assembly with Override Button (Water Closet)
	3325016	EBV-1033-A	Metal Cover Assembly w/Override Button for Zurn Valve Body (Water Closet)
3.	5325011	EBV-67	Cover Gasket — 12 per package
4.	SEE CHART BELOW —		ELECTRONIC MODULE
5.	0325814	EBV-21-A	Inside Cover Assembly (Includes Solenoid)
6.	3325462	EBV-144-A	Isolated Solenoid Operator †
7.	SEE CHART on PAGE 3 —		Flex Tube Diaphragm Kit
8.	3325537	EBV-46-A	Beam Deflector ‡

† The new EBV-144-A Isolated Solenoid replaces the Solenoid used with the old style Black EBV-26-A Modules only.

For Blue EBV-146-A G2 Modules, use the EBV-136-A (code #3325453) Isolated Solenoid Operator.

Refer to Page 4 for instructions regarding Solenoid replacement.

‡ Beam deflectors are for use on Black, old style Modules. They are not required (and will not work) on Blue G2 Modules.

ELECTRONIC MODULE ASSEMBLY CHART

The electronic and optical improvements of the G2 OPTIMA Plus have been incorporated into the Electronic Modules for use with older OPTIMA Plus products.

Optima Plus Modules can be identified by color.

Old style Modules are Black and have a wire that runs along the side of the unit.



G2 Modules are Blue and have a wire only on the back of the unit.

There are now only two Electronic Module Assembly variations for use with older OPTIMA Plus valves:

- EBV-146-A-U Urinal
- EBV-146-A-C Water Closet

This chart cross references the part numbers and code numbers of our new Electronic Modules over from our old Module numbers.

The EBV-146-A Modules include the Isolated Solenoid, Inner Cover and Electronic Module.

These Modules are for use with older OPTIMA Plus and Regal Pro OPTIMA Plus Valves only. Consult Maintenance & Repair Guide #0816456 for G2 OPTIMA Plus Electronic Modules.

Description	USE		TO REPLACE	
	New Part No.	Code No.	Old Part No.	Code No.
Electronic Module — 0.5 gpf/1.9 Lpf Urinal	EBV-146-A-U	0325177	EBV-26-A-U-0.5	3325039
Electronic Module — 1.0 gpf/3.8 Lpf Urinal			EBV-26-A-U-1.0	3325540
Electronic Module — 1.5 gpf/5.7 Lpf Urinal			EBV-26-A-U-1.5	3325541
Electronic Module — 3.5 gpf/13.2 Lpf Urinal			EBV-26-A-U-3.5	3325543
Electronic Module — 1.6 gpf/6.0 Lpf Closet	EBV-146-A-C	0325176	EBV-26-A-C-1.6	3325542
Electronic Module — 2.4 gpf/9.0 Lpf Closet			EBV-26-A-C-2.4	3325643
Electronic Module — 3.5 gpf/13.2 Lpf Closet			EBV-26-A-C-3.5	3325544
Electronic Module — 4.5 gpf/17.0 Lpf Closet			EBV-26-A-C-4.5	3325545

Note: EBV-26-A Modules are no longer available. Use the EBV-146-A Module shown.

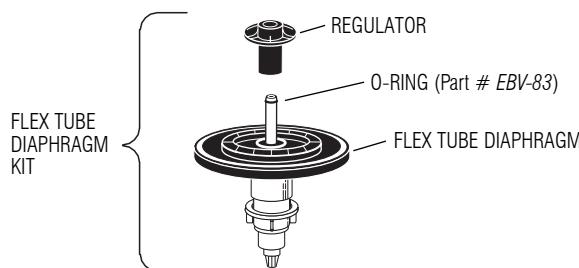
DIAPHRAGM INSIDE PARTS KITS

FLEX TUBE DIAPHRAGM ASSEMBLY

In early 2003 Sloan introduced the Flex Tube Diaphragm kit into the OPTIMA Plus. This design completely replaced the old OPTIMA Plus Diaphragm Kit that featured the metal shaft with the Quad Ring. This change further improved the reliability of the OPTIMA Plus as it replaced a wearable dynamic seal (the Quad Ring) with a non-moving static O-ring seal.

The Flex Tube Diaphragm Kit also features Sloan's exclusive Dual Filter Diaphragm. The Dual Filter Diaphragm helps to protect the valve from water bourn sediment that can cause the valve to stick open and run on. The Dual Filter diaphragm is also made from Sloan's Permex Synthetic Rubber material for resistance against chloramines and other water treatment chemicals.

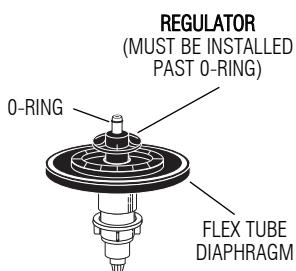
FLEX TUBE DIAPHRAGM KITS



5325056 EBV-83 O-ring — 6 per package

REGULATORS

The flush volume of the Flex Tube Diaphragm Kit is control by the Regulator. Regulators are identified by color. Some Flex Tube Diaphragm Kits are supplied with multiple Regulators. The installer must make sure the proper regulator is used when installing the Flex Tube Diaphragm Kit.



OLD STYLE DIAPHRAGM INSIDE PARTS



OLD STYLE KITS ARE OBSOLETE. SEE CHART FOR REPLACEMENT.

The *EBF-18* Quad Ring is still available.

5325813 EBV-18 Quad Ring — 12 per package



FLEX TUBE DIAPHRAGM INSIDE PARTS KIT (INTRODUCED FEB., 2003)

The Flex Tube Diaphragm can be used to replace all generations of Sloan OPTIMA Plus Diaphragm Kits. The same Flex Tube Diaphragm kits are used in the G2 OPTIMA Plus valve.

APPLICATION	USE		TO REPLACE	
	FLEX TUBE DIAPHRAGM KIT †		DIAPHRAGM KIT W/ QUAD RING (OBSOLETE)	
	KIT NO.	COLOR◆	CODE NO.	KIT NO.
URINAL-0.5 gpf/1.9 Lpf	EBV-1023-A	GREEN	3325003	EBV-32-A-U-0.5
URINAL-1.0 gpf/3.8 Lpf ‡	EBV-1022-A	GREEN	3325000	EBV-32-A-U-1.0
URINAL-1.5 gpf/5.7 Lpf	EBV-1022-A	BLACK	3325000	EBV-32-A-U-1.5
URINAL-3.5 gpf/13.2 Lpf	EBV-1020-A	WHITE	3325001	EBV-10-A-U-3.5
CLOSET-1.6 gpf/6.0 Lpf	EBV-1020-A	GREEN	3325001	EBV-10-A-C-1.6
CLOSET-2.4 gpf/9.0 Lpf	EBV-1021-A	BLUE	3325014	EBV-10-A-C-2.4
CLOSET-3.5 gpf/13.2 Lpf	EBV-1020-A	WHITE	3325001	EBV-10-A-C-3.5
CLOSET-4.5 gpf/17.0 Lpf §	EBV-1020-A	WHITE	3325001	EBV-10-A-C-4.5

† The EBV-1020-A and EBV-1022-A Kits are supplied with multiple Regulators.

‡ A 0.5 gpf (1.9 Lpf) Urinal kit can be converted to a 1.0 gpf (3.8 Lpf) by cutting and removing the smooth A-164 Flow Ring from the Guide.

§ For a 4.5 gpf (17.0 Lpf) Water Closet flush, use the EBV-1020-A Kit with the White Regulator, and cut and remove the A-164 Flow Ring from the Guide.

◆ Color of Regulator to be used with Flex Tube Diaphragm to obtain the listed flush volume.

REGULATOR (Sold 6 per package)

FLUSH VOLUME AND FIXTURE	REGULATOR COLOR	PART NO.	CODE NO
URINAL-0.5 gpf/1.9 Lpf	GREEN	EBV-95	5325122
URINAL-1.0 gpf/3.8 Lpf	GREEN	EBV-95	5325122
URINAL-1.5 gpf/5.7 Lpf	BLACK	EBV-102-2	5325129
URINAL-3.5 gpf/13.2 Lpf	WHITE	EBV-102-1	5325130
CLOSET-1.6 gpf/6.0 Lpf	GREEN	EBV-95	5325122
CLOSET-3.5 gpf/13.2 Lpf	WHITE	EBV-102-1	5325130
CLOSET-2.4 gpf/9.0 Lpf	BLUE	EBV-101	5325128

The EBV-1020-A and EBV-1022-A Kits are supplied with multiple Flush Volume Regulators. The Installer must use the correct Regulator when installing the kit.

ADJUSTING THE OLD STYLE INSIDE DIAPHRAGM ASSEMBLY

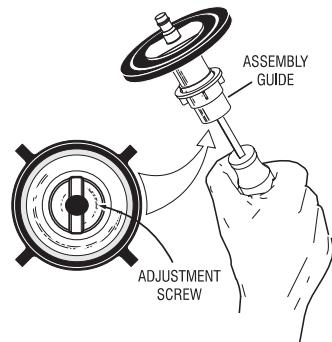
The Inside Diaphragm Assembly was set at the factory to ensure an accurate flush cycle over a range of water pressures.

If adjustment is required, remove the Inside Diaphragm Assembly and turn it upside down. Inside the Assembly Guide is an Adjustment Screw. Insert a slotted screwdriver and turn the Adjustment Screw according to the Conversion Guidelines.

Turning the Adjustment Screw clockwise ↗ **DECREASES** the flush volume.

Turning the Adjustment Screw counterclockwise ↘ **INCREASES** the flush volume.

For full adjustment procedures, see OPTIMA Plus Conversion Guide #0816511.



OTHER VALVE COMPONENT PARTS

Item No.	Code No.	Part No.	Description
9.	3325814	EBV-1017-A	Handle Cap — Metal
10.	3325815	EBV-1018-A	Handle Cap — Decorative
11.	3323182	V-651-A	Vacuum Breaker Repair Kit
12.	0393004	V-600-A	¾" (19 mm) x 9" (229 mm) CP Vacuum Breaker
	0393006	V-600-A	1½" (32 mm) x 9" (229 mm) CP Vacuum Breaker
	0393007	V-600-A	1½" (38 mm) x 9" (229 mm) CP Vacuum Breaker
13.	0306125	F-5-A	¾" (19 mm) CP Spud Coupling
	0306140	F-5-A	1¼" (32 mm) CP Spud Coupling
	0306146	F-5-A	1½" (38 mm) CP Spud Coupling
14.	0308676	H-550	CP Stop Coupling
15.	0308801	H-551-A	CP Adjustable Tailpiece 2-1/16" (52 mm) long
16.	5308696	H-553	O-ring — 24 per package
17.	3308386	H-700-A	1" (25 mm) Screwdriver Bak-Chek® Stop CP — complete
	3308384	H-700-A	¾" (19 mm) Screwdriver Bak-Chek® Stop CP — complete
18.	3308853	H-541-A	Control Stop Repair Kit †
	3308856	H-543-A	Control Stop Repair Kit ‡
19.	0308612	H-622	CP Bonnet †
	0308843	H-577	CP Bonnet ‡
20.	3308791	H-1010-A	Vandal Resistant Control Stop Cap Assembly †
	3308790	H-1009-A	Vandal Resistant Control Stop Cap Assembly ‡
21.	3325816	EBV-1019-A	¾" (19 mm) Decorative Stop Cap
	3308866	H-574	1" (25 mm) Decorative Stop Cap
Accessories			
22.	0325107	EBV-91	Trimpot Adjustment Screwdriver
23.	0325823	EBV-22	Disposable Strap Wrench

† For use w/H-700-A 1" & ¾" and H-600-A 1" Screwdriver Bak-Chek® Control Stops.

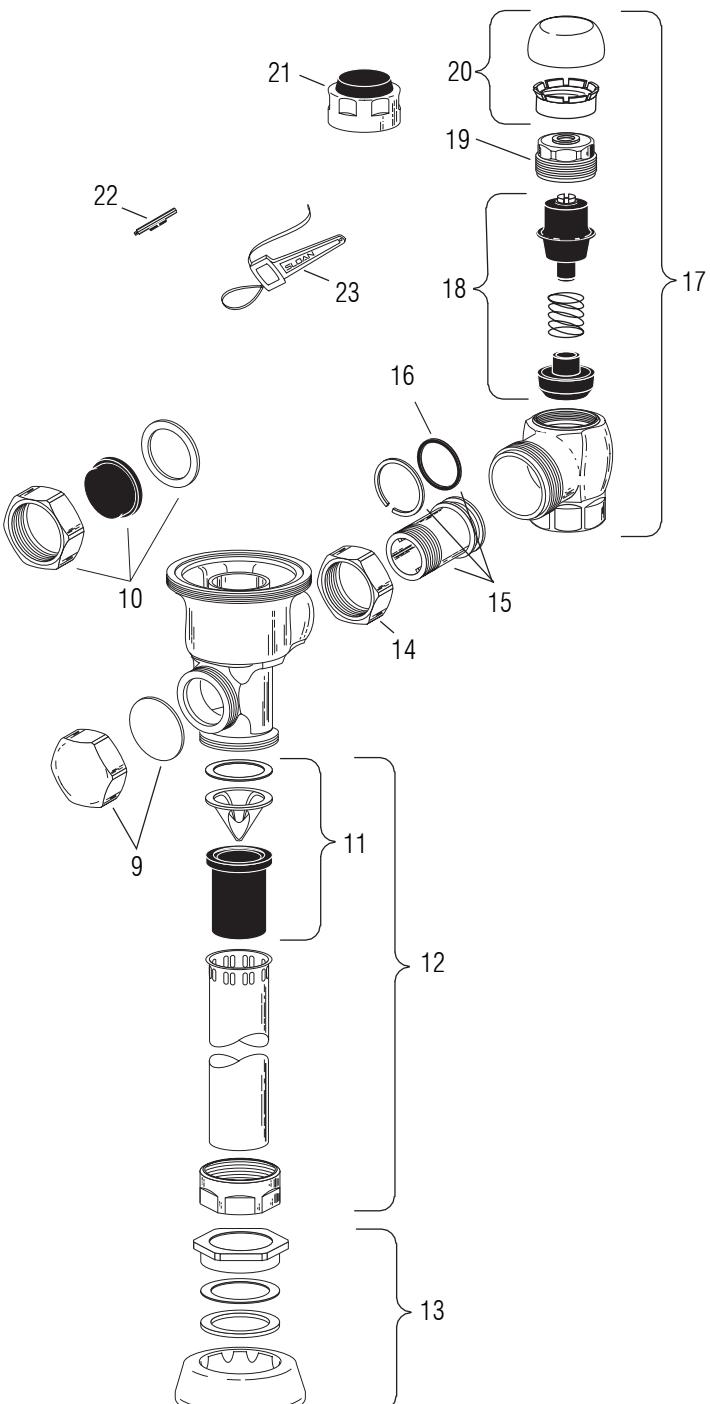
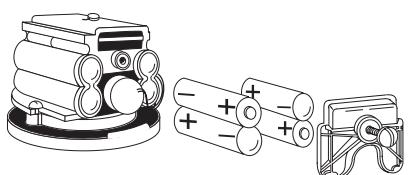
‡ For use w/H-600-A ¾" Screwdriver Bak-Chek® Control Stops.

Battery Replacement

When OPTIMA Plus has approximately 4,000 flushes left, the same red light that appears at start-up will flash four (4) times quickly whenever an object is detected. When this occurs, we recommend changing the batteries.

Separate Locking Ring, Cover and Flex Tube Diaphragm from Electronic Sensor Module.

Loosen Retaining Screw on Battery Compartment Door and remove Battery Compartment Door. Install four (4) Alkaline, AA Batteries **exactly** as illustrated. Install Battery Compartment Door and secure with Retaining Screw. Make certain that Battery Compartment Door is fully compressed against Gasket to provide a seal; Do Not overtighten.



Troubleshooting and Maintaining the Sloan OPTIMA Plus Flushometer

I. Sensor Flashes Continuously Only When User Steps Within Range.

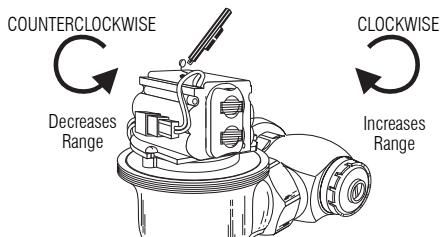
- A. Unit in Start-Up mode; no problem. This feature is active for the first 10 minutes of operation.

II. Valve Does Not Flush; Sensor Not Picking Up User.

- A. Range too short; increase the range.
- B. OPTIMA Plus installed on a high rough-in fixture (beam is shooting over the user's head). Install the Sloan EBV-46-A Beam Deflector (black modules only).

III. Valve Does Not Flush; Sensor Picking Up Opposite Wall or Surface, or Only Flushes When Someone Walks By. Red Light Flashes Continuously for First 10 Minutes Even with No One in Front of the Sensor.

- A. Range too long; shorten range.



- B. Sensor is picking up mirror or highly reflective wall or surface in front of fixture. Install OPTIMA Plus slightly "off-center" (2 to 5 degrees) to eliminate direct reflection off of mirror or opposite wall or surface.

IV. Valve Does Not Flush Even After Adjustment.

- A. Range Adjustment Potentiometer set at full "max" or full "min" setting. Readjust Potentiometer away from full "max" or "min" setting.
- B. Batteries completely used up; replace batteries.
- C. Problem with Electronic Sensor Module; replace Electronic Sensor Module.

V. Unit Flashes 4 Quick Times When User Steps Within Range.

- A. Batteries low; replace batteries.

VI. Valve Does Not Shut off.

- A. Bypass orifice in diaphragm is clogged with dirt or debris, or bypass is clogged by an invisible gelatinous film due to "over-treated" water. Remove Flex Tube Diaphragm and wash under running water.
- Note:** Size of orifice in the Bypass is of utmost importance for the proper metering of water by the valve. **DO NOT ENLARGE OR DAMAGE THIS ORIFICE.** Replace Flex Tube Diaphragm if cleaning does not correct the problem.
- B. Dirt or debris fouling Stem or Flex Tube Diaphragm. Remove Flex Tube Diaphragm and wash under running water.
- C. Problem with Solenoid. If cleaning does not correct the problem, replace with new Isolated Solenoid Operator.

VII. Not Enough Water to Fixture.

- A. Wrong OPTIMA Plus Flex Tube Diaphragm installed; i.e., 1.0 gpf urinal installed on 3.5 gpf closet fixture. Replace with proper Diaphragm Assembly.

- B. Enlarged Bypass in Diaphragm. Replace with Flex Tube Diaphragm Kit.

- C. Control Stop not adjusted properly. Readjust Control Stop.

- D. Inadequate volume or pressure at supply. Increase water pressure or supply (flow) to valve. Consult factory for assistance.

VIII. Too Much Water to Fixture.

- A. Control Stop not adjusted properly. Readjust Control Stop.
- B. Wrong OPTIMA Plus Flex Tube Diaphragm installed; i.e., 3.0 gpf model installed on 1.0 or 1.5 gpf urinal fixture. Replace with proper OPTIMA Plus Diaphragm Assembly.
- C. Dirt in Diaphragm Bypass. Clean under running water or replace with new Flex Tube Diaphragm.

IX. Men's Room Closet Bowls Unflushed.

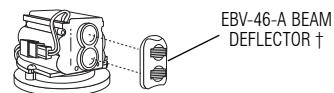
- A. Closet being used as urinal. Angle Sensor slightly off fixture centerline to detect standing person in front of fixture.

X. High Vacuum Breaker Installation (Model 8115/8116) — Unit Not Flushing.

- A. EBV-46-A Beam Deflector not installed. Install EBV-46-A Beam Deflector (black modules only) to divert Sensor beams.

XI. Elementary School Urinals Not Flushing.

- A. Unusually short users not being detected. Install EBV-46-A Beam Deflector (black modules only) to divert Sensor beams.



† Note: Use on Black Modules Only.

BATTERIES

When required, replace batteries with four (4) Alkaline Type AA batteries. For information and instructions on field converting OPTIMA Plus Module settings or to activate the Stadium Flush™ Feature in urinal models, see the Sloan OPTIMA Plus Conversion Guide (0816511).

This manual and the OPTIMA Plus Repair and Maintenance Guide are available at www.sloanvalve.com

CARE AND CLEANING OF CHROME AND SPECIAL FINISHES

DO NOT use abrasive or chemical cleaners to clean Flushometers as they may dull the luster and attack the chrome or special decorative finishes. Use ONLY soap and water, then wipe dry with clean cloth or towel.

While cleaning the bathroom tile, the Flushometer should be protected from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.

Refer to the OPTIMA Plus Flushometer Maintenance Guide for additional Troubleshooting and Repair Part information.

If further assistance is required, please contact the Sloan Valve Company Installation Engineering Department at 1-888-SLOAN-14 (1-888-756-2614).

Manufactured in the U.S.A. by Sloan Valve Company under one or more of the following patents: U.S. Patents: 4,893,039; 5,169,118; 5,244,179; 5,295,655; Des. 345,113; Des. 355,478. Other Patents Pending. BAK-CHEK®, PARA-FLO®, PERMEX®, TURBO-FLO®.

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Phone: 1-800-9-VALVE-9 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380 • www.sloanvalve.com

Specialties & Drains

<h2>LAUNDRY ROOM EQUIPMENT</h2> <p>• Space Saver Washing Machine Supply And Drain W/Duplex Electric Grounding Receptacle And Dryer Outlet</p>	<p>Model No. Prod. No. List Price 2" Drain—Size 9" x 14-3/4" BED-200 5700195 116.55 W/No Electrical Connections 2" Drain—Size 9" x 10-3/4" B-200 5700175 86.30 2" PVC Drain—Size 9-1/4" x 14" T-200TP 5700205 63.95</p>	<h3>Washing Machine Outlet Box</h3> <p>38962 38535 38551 38530</p> <table border="1"> <thead> <tr> <th>Model No.</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>38962 – Offset Drain - 1/4 turn brass ball valves - Copper sweat.....</td> <td>5715018</td> <td>27.52</td> </tr> <tr> <td>38934 – Center Drain - 1/4 turn brass ball valves - Copper sweat.....</td> <td>5715021</td> <td>26.66</td> </tr> <tr> <td>Quadro Boxes</td> <td></td> <td></td> </tr> <tr> <td>38551 – 1/4 turn brass ball valves - Compression</td> <td>5715000</td> <td>28.00</td> </tr> <tr> <td>38535 – Single lever ball valve - Copper sweat</td> <td>5715022</td> <td>42.24</td> </tr> <tr> <td>38530 – 1/4 turn brass ball valves - Copper sweat</td> <td>5715025</td> <td>25.40</td> </tr> <tr> <td>38540 – 1/4 turn brass hammer ball valves - Copper sweat</td> <td>5715026</td> <td>63.56</td> </tr> </tbody> </table>	Model No.	Prod. No.	List Price	38962 – Offset Drain - 1/4 turn brass ball valves - Copper sweat.....	5715018	27.52	38934 – Center Drain - 1/4 turn brass ball valves - Copper sweat.....	5715021	26.66	Quadro Boxes			38551 – 1/4 turn brass ball valves - Compression	5715000	28.00	38535 – Single lever ball valve - Copper sweat	5715022	42.24	38530 – 1/4 turn brass ball valves - Copper sweat	5715025	25.40	38540 – 1/4 turn brass hammer ball valves - Copper sweat	5715026	63.56
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<h2>Washer Pan & Connector</h2> <p>• Drain: Center • Color: White • Size: 30"L x 32"W</p> <p>Model No. Prod. No. List Price Durapan-Fiberglass 99 5716000 86.64</p> <p>No-Burst Washing Machine Connector B9WM72-72" 4200130 11.78</p>	<p>ICE MAKER ACCESSORIES</p>	<p>Ice-Maker Kit</p> <ul style="list-style-type: none"> Includes: 1/4" tubing, self piercing valve & brass fittings <p>Ice Maker Outlet Box</p> <p>696-1010XF 38681</p> <table border="1"> <thead> <tr> <th>Model No.</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>1/2" PEX Crimp F1807 - W/Arrester Frame: 7-1/4"H x 5-3/4"W - 1/4 turn valve</td> <td>696-1010XF</td> <td>31.01</td> </tr> <tr> <td>Copper Sweat Frame: 8-1/8" x 8-1/8" - 1/4 turn valve</td> <td>38681</td> <td>5715020 16.27</td> </tr> </tbody> </table>	Model No.	Prod. No.	List Price	1/2" PEX Crimp F1807 - W/Arrester Frame: 7-1/4"H x 5-3/4"W - 1/4 turn valve	696-1010XF	31.01	Copper Sweat Frame: 8-1/8" x 8-1/8" - 1/4 turn valve	38681	5715020 16.27															
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<h2>Accessories</h2> <p>Saddle Valve Connector</p> <table border="1"> <thead> <tr> <th>Model No.</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>Saddle Valve 993-004 - Self Piercing</td> <td>15518565</td> <td>6.20</td> </tr> <tr> <td>No-Burst Ice Maker Connector 12IM60-60" 4200500 9.88</td> <td></td> <td></td> </tr> <tr> <td>12IM84-84" 4200120 14.08</td> <td></td> <td></td> </tr> </tbody> </table>	Model No.	Prod. No.	List Price	Saddle Valve 993-004 - Self Piercing	15518565	6.20	No-Burst Ice Maker Connector 12IM60-60" 4200500 9.88			12IM84-84" 4200120 14.08			<p>SHOWER DRAIN</p>	<p>JackRabbit Jacking Bolt Shower Drain</p> <ul style="list-style-type: none"> 2" brass with SS strainer Unique design uses stainless steel "jacking bolts" and a pressure plate washer to create a seal – no need to wrench tighten the outer locknut <p>Model No. Prod. No. List Price 827-2J 1630050 31.35</p>												
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<ul style="list-style-type: none"> 1-3/8" Waste & Overflow for leg tubs Polished Chrome <p>Model No. Prod. No. List Price 600SN 1601720 47.48</p>	<p>PVC Drains</p> <p>64W 63W</p> <ul style="list-style-type: none"> 1-1/2" O.D. White Polished Chrome <p>Model No. Prod. No. List Price Triplever W/Strainer & Dome Grid 64W 1609105 15.94</p> <p>Foot Lok Stop</p> <p>63W 1609110 17.74</p>	<p>Cable Drain</p> <p>631PVC 621PVC</p> <ul style="list-style-type: none"> Less trim <p>GEBERIT</p> <table border="1"> <thead> <tr> <th>Model No.</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>Whirlpool – Depth 17" - 22"</td> <td>151.504.00.1</td> <td>4290005 58.50</td> </tr> <tr> <td>Whirlpool – Depth 23" - 27"</td> <td>151.512.00.1</td> <td>4290010 76.50</td> </tr> <tr> <td>T/S – 12" - 16"</td> <td>151.501.00.1</td> <td>4290015 54.00</td> </tr> <tr> <td>Chrome Trim Kit</td> <td>151.550.21.1</td> <td>4290020 45.00</td> </tr> <tr> <td>Brushed Nickel Trim Kit</td> <td>151.551.ID.1</td> <td>4290025 108.90</td> </tr> </tbody> </table>	Model No.	Prod. No.	List Price	Whirlpool – Depth 17" - 22"	151.504.00.1	4290005 58.50	Whirlpool – Depth 23" - 27"	151.512.00.1	4290010 76.50	T/S – 12" - 16"	151.501.00.1	4290015 54.00	Chrome Trim Kit	151.550.21.1	4290020 45.00	Brushed Nickel Trim Kit	151.551.ID.1	4290025 108.90						
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Prices & Specifications subject to change without notice.

Drains, Tubular & Supplies

**FINISHED
BRASS**

<h2>BATH DRAINS</h2> <ul style="list-style-type: none"> Fits most tubs 24" high 18" Overflow Tube And 9" Shoe Tube For Roman Tubs 17 Gauge, Brass Nuts 	<p>GERBER</p> <table border="1"> <thead> <tr> <th>Model No.</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>Trip Lever</td> <td></td> <td></td> </tr> <tr> <td>41-813-Chr.....</td> <td>1335608</td> <td>99.90</td> </tr> <tr> <td>81-867-Pol Brass.....</td> <td>1335640</td> <td>143.51</td> </tr> <tr> <td>Lift & Turn Drain</td> <td></td> <td></td> </tr> <tr> <td>41-853-Chr.....</td> <td>1335610</td> <td>91.22</td> </tr> </tbody> </table>	Model No.	Prod. No.	List Price	Trip Lever			41-813-Chr.....	1335608	99.90	81-867-Pol Brass.....	1335640	143.51	Lift & Turn Drain			41-853-Chr.....	1335610	91.22	<p>GERBER</p> <table border="1"> <thead> <tr> <th>Model No.</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>Trip Lever – Roman</td> <td>41-513-PVC Chr.....</td> <td>1335607</td> </tr> <tr> <td></td> <td></td> <td>51.18</td> </tr> <tr> <td>Cable Drain – Pop-Up</td> <td></td> <td></td> </tr> <tr> <td>Polypropylene tubes with PVC tee</td> <td>W1-100-White.....</td> <td>1335625</td> </tr> <tr> <td></td> <td></td> <td>149.03</td> </tr> </tbody> </table>	Model No.	Prod. No.	List Price	Trip Lever – Roman	41-513-PVC Chr.....	1335607			51.18	Cable Drain – Pop-Up			Polypropylene tubes with PVC tee	W1-100-White.....	1335625			149.03	<p>GERBER</p> <table border="1"> <thead> <tr> <th>Model No.</th> <th>Prod. No.</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>Trip Lever W/Pop-Up Drains</td> <td></td> <td></td> </tr> <tr> <td>Pop-Up Waste & Overflow W/Drain In Tee.</td> <td></td> <td></td> </tr> <tr> <td>81-827-Pol Brass.....</td> <td>1335621</td> <td>128.80</td> </tr> <tr> <td>Trip Lever Drains "All Tub" Trip Lever Drain</td> <td></td> <td></td> </tr> <tr> <td>W/Fit-All" Tee. Exposed Parts Chrome Plated.</td> <td></td> <td></td> </tr> <tr> <td>41-818-Chr Trip Lever ...</td> <td>1335600</td> <td>77.96</td> </tr> <tr> <td>41-510-PVC.....</td> <td>1335605</td> <td>28.52</td> </tr> </tbody> </table>	Model No.	Prod. No.	List Price	Trip Lever W/Pop-Up Drains			Pop-Up Waste & Overflow W/Drain In Tee.			81-827-Pol Brass.....	1335621	128.80	Trip Lever Drains "All Tub" Trip Lever Drain			W/Fit-All" Tee. Exposed Parts Chrome Plated.			41-818-Chr Trip Lever ...	1335600	77.96	41-510-PVC.....	1335605	28.52
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Tubular & Supplies

LAVATORY/SINK STOP & FTGS

BrassCraft®

Polished Brass Fittings



OCR14



OCR19

Model No. Prod. No. List Price

3/8" O.D. x 1/2" Nom Comp

OCR19.....4107160 28.80

3/8" O.D. x 1/2" Nom Comp

OCR14.....4107010 29.90

Model No.	Prod. No.	List Price
STRAIGHT STOPS – CHROME PLATED		
Sweat x Compression		
R14 C-1/2" Nom x 3/8" O.D.	4106720	7.61
F.I.P. x Compression		
OR10 C-3/8" F.I.P. x 3/8" O.D.	4106660	7.34
OR12 C-1/2" F.I.P. x 3/8" O.D.	4106670	7.34
Compression x Compression		
OCR11 C-3/8" Nom x 3/8" O.D.	4106595	13.44
OCR14 C-1/2" Nom x 3/8" O.D.	4106736	5.50
1/4 Turn – Compression x Compression		
G2CR14 C-1/2" Nom x 3/8" O.D.	4106730	5.50
CPVC Solvent Weld Inlet – CPVC x Compression		
PR14 C-1/2" Nom x 3/8" O.D.	4106679	14.38
Barbed Inlet F/Pex Piping – Crimp Barb x Compression		
G2BRPX14C-1/2" Nom x 3/8" O.D.	4101000	10.47

Model No.	Prod. No.	List Price
ANGLE STOPS – CHROME PLATED		
Sweat x Compression		
R19 C-1/2" Nom x 3/8" O.D.	4106680	7.03
F.I.P. x Compression		
OR15 C-3/8" F.I.P. x 3/8" O.D.	4106630	6.99
OR17 C-1/2" F.I.P. x 3/8" O.D.	4106650	6.99
Compression x Compression		
OCR09 C-1/2" Nom x 1/4" O.D.	4106593	11.84
OCR19 C-1/2" Nom x 3/8" O.D.	4106737	5.12
OCR39 C-1/2" Nom x 1/2" O.D.	4106860	8.05
SCR19 C-1/2" Nom x 3/8" O.D., Loose Key..	4106734	8.82
1/4 Turn – Compression x Compression		
G2CR19 C-1/2" Nom x 3/8" O.D.	4106732	5.12
CPVC Solvent Weld Inlet – CPVC x Compression		
PR19 C-1/2" Nom x 3/8" O.D.	4106678	13.74
Barbed Inlet F/Pex Piping – Crimp Barb x Compression		
G2BRPX19C-1/2" Nom x 3/8" O.D.	4101005	9.88

C.P. Compression Fittings



11



10

• 3/8" O.D.

CONNECTORS

Fluidmaster Inc.
The Most Popular Name in Toilet Care

Sioux Chief
MANUFACTURING COMPANY, INC.
A CHIEFTAIN COMPANY

ESCUTCHEON PLATES



Shallow



Box



B148DW6D



905

Dishwasher

Model No. Prod. No. List Price

B1W48-48".....4100320 15.14

With Brass Elbow

B148DW6D-48".....4107320 15.14

B6W60-60".....4200110 9.82

Dishwasher Drain Hose

5/8" ID x 50' Coil

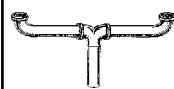
905.....1630400 45.99

Split Ring Escutcheons

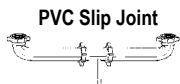


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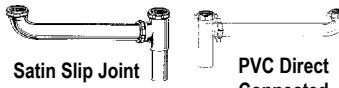
Model No.	Prod. No.	List Price
SS Floor & Ceiling Plates - IPS		
102-1 - 1"	1606489	3.02
102-1 1/4 - 1-1/4"	1606490	3.96
102-1 1/2 - 1-1/2"	1606491	4.40
102-2 - 2"	1606492	4.50
Floor & Ceiling Plates f/Copper Tube		
105-1/2 - 1/2"	1606494	2.76
105-3/4 - 3/4"	1606495	2.76
105-1 - 1"	1606496	3.02



Satin Slip Joint



PVC Slip Joint



PVC Direct Connected



PVC Slip Joint

End Outlet 1-1/2" x 16" Centers

Model No. Prod. No. List Price

Slip Joint, Satin - 20 Gauge

1815SN.....1601000 30.82

Direct Connected, Satin - 20 Gauge

1815ASN.....1601140 30.02

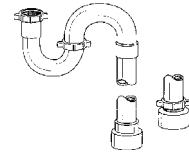
Slip Joint, PVC

125-16WRUK.....1609060 3.68

Direct Connected, PVC

125A-16WRUK.....1609020 3.68

S Trap



LAVATORY/SINK CONTINUOUS WASTE & TRAPS

Center Outlet 1-1/2" x 16" Centers

Model No. Prod. No. List Price

Slip Joint, Satin - 20Gauge

1568SN.....1601080 40.38

Slip Joint, PVC

130-16WRUK.....1609080 3.96

Model No. Prod. No. List Price

1-1/2" PVC, W/Thread Adapter

700WRUK.....1609045 5.40

Tubular

FINISHED
BRASS

LAVATORY/SINK CONTINUOUS WASTE & TRAPS

- Sinks
- 1-1/2"



304CP



400WRU

P Traps

- Lavatory
- 1-1/4"



5303PC

Model No.

Prod. No. List Price

Brass - Less Cleanout

304CP - 20 Gauge - Chrome Plated.....

1600030

15.06

305CP - 17 Gauge - Chrome Plated.....

1600300

16.30

Semi-Cast - With Cleanout

5307PC - 17 Gauge - Polished Chrome.....

1600002

27.40

Plastic - w/Marvel Connector & TPR Washers

400WRU - White.....

1609001

1.56

400TTWRU - White - Reversible J Bend....

1609002

1.56

Model No.

Prod. No. List Price

Brass - Less Cleanout

300CP - 20 Gauge - Chrome Plated

1600010

12.66

301CP - 17 Gauge - Chrome Plated

1600060

14.78

Brass - With Cleanout

303CP - 17 Gauge - Chrome Plated

1600440

25.64

Semi-Cast - With Cleanout

5303PC - 17 Gauge - Polished Chrome.....

1600001

24.46

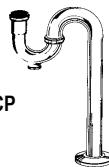
Plastic - White

200W2

1608990

1.80

Bent Tube - S Trap



332CP

- 20 Gauge
- Less Cleanout
- Chrome Plated

Model No. Prod. No. List Price

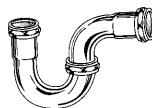
1-1/2" x 20-1/2" Sink

332CP 1600720 32.78

1-1/4" x 20-1/2" Lavatory

324CP 1600600 23.16

Repair P Trap



- 1-1/4"
- 20 Gauge
- Less Cleanout
- Polished Chrome

Model No. Prod. No. List Price

300RPC 1600040 26.18

Branch Tailpieces

Direct Connect



Slip Joint



Model No. Prod. No. List Price

1-1/2" x 6" Direct Connect - 22GA

48SN - Satin 1603040 16.38

1-1/2" x 8" Direct Connect (7/8" O.D.)

30-8W - White 1609200 1.76

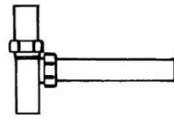
1-1/2" x 8" Direct Connect (5/8" O.D.)

31-8W - White 1609090 1.76

1-1/2" x 8" Slip Joint (7/8" O.D.)

33-8W - White 1609085 1.76

Disposer Kit



Model No. Prod. No. List Price

1-1/2" Less P-Trap

334W - White 1608998 3.52

YOUR COMPLETE SUPPLY HOUSE



**READY TO SERVE
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UNDERSINK PROTECTIVE PIPE COVERING



- 102W - One P-trap cover, two angle valve covers and two supply tube covers

- 103W - One P-trap cover, two angle valve covers, two supply tube covers, one 5" offset tailpiece wheelchair strainer cover

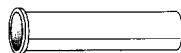
Model No. Prod. No. List Price

102W 1669900 40.12

103W 1669910 50.80

TAILPIECES & EXTENSION TUBES

Tailpieces & Extension Tubes



Sink Tailpieces

Model No. Prod. No. List Price

1-1/2" - 22 Gauge - Chrome

110PC - 4" 1602740 3.42

111PC - 6" 1602800 3.98

112PC - 8" 1602840 5.24

114PC - 12" 1602940 6.06

1-1/2" - Plastic - White

10-8W - 8" 1609130 1.14

10-12W - 12" 1609135 1.40

1-1/2" - Plastic - White - Double Flanged

11-16PVC - 16" 1609137 1.44

Extension Tubes - Slip Joint

Model No. Prod. No. List Price

1-1/4" - 22 Gauge - Chrome

1901PC - 6" 1602340 6.74

1669PC - 8" 1602380 7.50

1903PC - 12" 1602460 8.18

231PC - 6" 1602500 10.08

232PC - 8" 1602540 10.14

234PC - 12" 1602620 9.42

Extension Tubes - Slip Joint

Model No. Prod. No. List Price

1-1/4" - White - Double End

42-16W - 16" 1609141 3.60

1-1/2" - Plastic - White

40-8WRUK - 8" 1609140 1.70

40-12W - 12" 1609142 1.92

1-1/2" - Plastic - White - Double End

41-16PVC - 16" 1609143 2.10

Threaded Tubes

- Threaded both ends

- 12"

- 20 Gauge

- Chrome

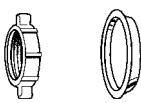


Tubular & Misc. Brass

TAILPIECES & EXTENSION TUBES

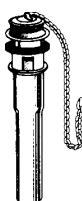
db Dearborn®
Brass

Slip Joint Nuts & Polywashers



Model No.	Prod. No.	List Price
1-1/2" x 1-1/2" - No Washer		
55W	1609145	0.22
1-1/2" Polywasher		
T81-150	15511882	0.10
1-1/2" x 1-1/2" Beveled Polywasher		
65.....	1609147	0.12
1-1/2" x 1-1/4" Beveled Polywasher		
66.....	1609148	0.12

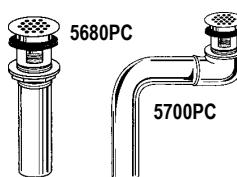
PO Plugs



- Two-Piece
- 22 Gauge
- 1-1/4"
- Polished Chrome

Model No.	Prod. No.	List Price
1063PC - 8"	1601930	12.34

Grid Strainers



- Cast Brass
- 1-1/4"
- Polished Chrome

Model No.	Prod. No.	List Price
5680PC - 8"	1603070	9.86
F/Wheelchair - 17 Gauge Tailpiece		
5700PC.....	1603075	21.42

MISCELLANEOUS BRASS

C.P. Brass Nipple



Model No.	Prod. No.	List Price	Model No.	Prod. No.	List Price
3/8" x Close	119000	4.54	1/2" x Close	119220	6.05
3/8" x Close	119040	6.52	1/2" x 2"	119240	8.23
3/8" x 2"	119080	8.65	1/2" x 3"	119260	11.49
3/8" x 3"	119100	9.33	1/2" x 3-1/2"	119270	13.11
3/8" x 3-1/2"	119120	4.80	1/2" x 4"	119280	15.03
3/8" x 4"	119160	12.97	1/2" x 4-1/2"	119290	16.31
3/8" x 5"			1/2" x 5"	119300	17.97
			1/2" x 6"	119320	21.88

C.P. Brass I.P.S. Fittings



Model No.	Prod. No.	List Price
90° Elbow-1/2"	1239550	11.28

C.P. Diecast Slip Joint Fittings



Model No.	Prod. No.	List Price
1-1/4" w/Washer	15510520	0.82
1-1/2"	15510560	0.91
1-1/2" x 1-1/4"	15510540	1.20
Chrome Plated		
1-1/4" x 1-1/4"	15510500	1.06
1-1/2" x 1-1/2"	15510505	1.30
1-1/2" x 1-1/4"	15510510	1.73

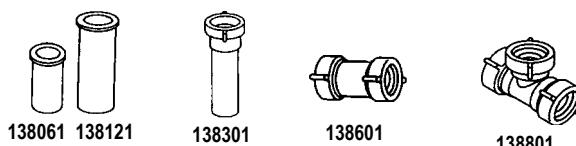


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800-477-1118	800-477-0231	800-489-8400
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TUBULAR MERCHANTISER PRODUCTS



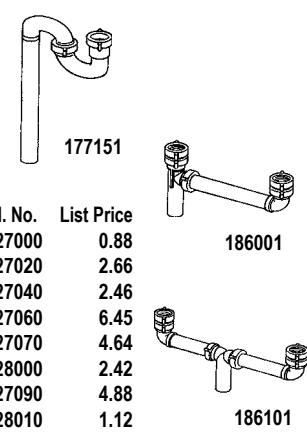
138801

Model No.	Prod. No.	List Price	138901
138061-6" Tailpiece	7826000	1.08	
138121-12" Tailpiece	7826010	1.61	
138301-12" Adj. Tailpiece	7826020	2.66	
138401-Dishwasher Tailpiece	7826030	2.42	
138601-Slip Coupler	7826050	1.67	
138801-Tee Slip Coupler	7826070	2.31	
138901-Universal 45° Slip Coupler	7826080	1.94	147151
147151-Slip Jam Nut	7826090	0.64	



148001

175141



Model No.	Prod. No.	List Price
148001-Assorted Slip Washers	7827000	0.88
175141-Washbasin Trap, 1-1/4"	7827020	2.66
175151-P-Trap	7827040	2.46
177151-P-Trap	7827060	6.45
186001-Continuous Waste, End Opening	7827070	4.64
186301-Baffle Tee	7828000	2.42
186101-Contin. Waste, Center Opening	7827090	4.88
722151-Trap Adapter F/1-1/2" Sch. 40 Pipe	7828010	1.12